

BCM RPPA Core Validated Antibody List 2024

All antibodies are validated and against most human protein targets.

No.	DESCRIPTION	Ab_ID	Company	Host	Gene_Symbol	Swiss_Prot_Acc	Species_x_reactivity
1	14-3-3 zeta, gamma, eta	1	EMD Millipore (Upstate)	Rabbit	YWHAZ	P63104	Bovine, Human, Mouse, Rat
2	Akt	2	CST	Rabbit	AKT1, AKT2, AKT3	Q9Y243	Bovine, Chicken, D. melanogaster, Dog, Guinea Pig, Hamster, Human, Monkey, Mouse, Pig, Rat
3	Akt (Ser473)	3	CST	Rabbit	AKT1	P31749	Bovine, Chicken, D. melanogaster, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat, Xenopus
4	Akt (Thr308)	4	CST	Rabbit	AKT1	P31749	Human, Mouse, Rat
5	Aldehyde Dehydrogenase (ALDH)	5	BD Biosciences	Mouse	ALDH1A1	P00352	Human
6	ALK (D5F3) XP®	7	CST	Rabbit	ALK	Q9UM73	Human
7	ALK (Tyr1586) (3B4)	8	CST	Rabbit	ALK	Q9UM73	Human
8	ALK (Tyr1604)	9	CST	Rabbit	ALK	Q9UM73	Human
9	AMPKα (Thr172) (40H9)	11	CST	Rabbit	PRKAA1, PRKAA2	Q13131	Bovine, Chicken, D. melanogaster, Hamster, Human, Monkey, Mouse, Pig, Rat, S. cerevisiae, Zebrafish
10	AMPKα1 (Ser485)	12	CST	Rabbit	PRKAA1	Q13131	Chicken, Human, Monkey, Mouse, Rat
11	Annexin_I	15	Invitrogen	Rabbit	ANXA1	P04083	Human, Mouse, Rat
12	ATM	18	Abcam	Rabbit	ATM	Q13315	Human
13	ATM (Ser1981) (10H11.E12)	19	CST	Mouse	ATM	Q13315	Human
14	ATR	20	CST	Rabbit	ATR	Q13535	Bovine, Dog, Hamster, Human, Monkey, Mouse, Rat
15	ATR (Ser428)	21	CST	Rabbit	ATR	Q13535	Human, Monkey, Mouse, Rat
16	Aurora A (Thr288)/Aurora B (Thr232)/Aurora C (Thr198) (D13A11) XP®	22	CST	Rabbit	AURKA, AURKB, AURKC	Q9UQB9	Human, Mouse, Rat
17	Aurora A/AIK	23	CST	Rabbit	AURKC	Q9UQB9	Human, Monkey
18	Axl (Tyr702) (D12B2)	25	CST	Rabbit	AXL	P30530	Human, Mouse, Rat
19	Bad	26	CST	Rabbit	BAD	Q92934	Human, Monkey, Mouse, Rat
20	Bad (Ser112)	27	CST	Rabbit	BAD	Q92934	Human, Monkey, Mouse, Rat
21	Bad (Ser136)	28	CST	Rabbit	BAD	Q92934	Human, Mouse, Rat
22	Bad (Ser155)	29	CST	Rabbit	BAD	Q92934	Human, Mouse, Rat
23	Bak	30	CST	Rabbit	BAK1	Q16611	Human, Monkey, Mouse, Rat
24	Bax	31	CST	Rabbit	BAX	Q07812	Human, Monkey, Mouse, Rat
25	Bcl-2 (Ser70) (5H2)	33	CST	Rabbit	BCL2	P10415	Human
26	Bcl-2 (Thr56) (Human Specific)	34	CST	Rabbit	BCL2	P10415	Human
27	Bcl-xL	35	CST	Rabbit	BCL2L1	Q07817	Human, Monkey, Mouse, Rat
28	BRCA1	36	EMD Millipore	Rabbit	BRCA1	P38398	Human
29	BRCA2	37	CST	Rabbit	BRCA2	P51587	Bovine, Human, Mouse
30	Cadherin-E (24E10)	38	CST	Rabbit	CDH1	P12830	Dog, Human, Mouse, Pig
31	Cadherin-N	39	CST	Rabbit	CDH2	P19022	Dog, Human, Monkey, Mouse, Rat
32	Caspase-3; Caspase-3 (D3R6Y)	41	CST	Rabbit	CASP3	P42574	Human, Monkey, Mouse, Rat
33	Beta-Catenin (Ser33/37/Thr41)	42	CST	Rabbit	CTNNB1	P35222	Bovine, Chicken, Dog, Human, Monkey, Mouse, Pig, Rat, Xenopus, Zebrafish
34	Caveolin-1 (D46G3) XP®	43	CST	Rabbit	CAV1	Q03135	Bovine, Dog, Hamster, Human, Monkey, Mouse, Rat
35	Caveolin-1 (Y14) (EPR2288Y)	44	Abcam	Rabbit	CAV1	Q03135	Human, Mouse, Rat
36	CD24 (FL-80)	45	Santa Cruz	Rabbit	CD24	P25063	Human, Mouse, Rat
37	Chk1 (Ser345)	48	CST	Rabbit	CHEK1	Q14757	Human, Monkey, Mouse, Rat
38	Chk2 (1C12)	49	CST	Mouse	CHEK2	O96017	Human, Monkey
39	Chk2 (Ser33/35)	50	CST	Rabbit	CHEK2	O96017	Human, Monkey
40	Claudin-1	52	CST	Rabbit	CLDN1	O95832	Human, Mouse, Rat
41	c-Met	54	Abcam	Rabbit	MET	P08581	Human
42	c-Myc (phospho T58)	56	Abcam	Rabbit	MYC	P01106	Human, Mouse
43	Cox-2	57	BD Biosciences	Mouse	COX2	P00403	Chicken, Human, Mouse
44	EGF Receptor (D38B1) XP®	61	CST	Rabbit	EGFR	P00533	Human, Monkey, Mouse

45	EGF Receptor (Ser1046/1047)	63	CST	Rabbit	EGFR	P00533	Human, Mouse, Rat
46	EGF Receptor (Tyr1045)	64	CST	Rabbit	EGFR	P00533	Human, Rat
47	EGF Receptor (Tyr1148)	65	CST	Rabbit	EGFR	P00533	Human, Monkey, Rat
48	EGF Receptor (Tyr1173) (53A5)	67	CST	Rabbit	EGFR	P00533	Human, Mouse, Rat
49	EGF Receptor(Tyr1068) (D7A5) XP®	68	CST	Rabbit	EGFR	P00533	Human, Monkey, Mouse, Rat
50	Ezh2 (D2C9) XP®	69	CST	Rabbit	EZH2	Q15910	Human, Monkey, Mouse, Rat
51	FGF Receptor 1 (D8E4) XP®	70	CST	Rabbit	FGFR1	P11362	Human, Monkey, Mouse, Rat
52	FoxO1 (C29H4)	72	CST	Rabbit	FOXO1	Q12778	Human, Monkey, Mouse, Rat
53	FSP1/S100A4	73	EMD Millipore	Rabbit	S100A4	P26447	Human, Mouse
54	HER2/ErbB2 (Y877)	78	Imgenex/Novus Biologicals	Rabbit	ERBB2	P04626	Human, Mouse, Rat
55	HER3/ErbB3 (1B2E)	79	CST	Rabbit	ERBB3	P21860	Human, Mouse, Rat
56	HER3/ErbB3 (Tyr1197) (C56E4)	80	CST	Rabbit	ERBB3	P21860	Human, Mouse, Rat
57	Histone Deacetylase 1 (HDAC1)	82	CST	Rabbit	HDAC1	Q13547	Human, Monkey, Mouse, Rat
58	Histone Deacetylase 3 (HDAC3)	83	CST	Rabbit	HDAC3	Q15379	Human, Monkey, Mouse, Rat
59	Histone Deacetylase 4 (HDAC4)	84	CST	Rabbit	HDAC4	P56524	Human, Monkey, Mouse, Rat
60	Histone Deacetylase 6 (HDAC6)	85	Santa Cruz	Rabbit	HDAC6	Q9UBN7	Human
61	IkappaB-alpha (S32/36) (39A1431)	86	BD Biosciences	Mouse	NFKBIA	P25963	Human
62	ILK1	87	CST	Rabbit	ILK	Q13418	Bovine, Human, Monkey, Mouse, Rat
63	Jak1 (Tyr1034/1035)	88	CST	Rabbit	JAK1	P23458	Bovine, Human, Mouse, Rat
64	Kit-c	89	Abcam	Rabbit	KIT	P10721	Human
65	Lipocalin-1 (H-45)	91	Santa Cruz	Rabbit	LCN1	P31025	Human
66	LRP6 (C5C7)	92	CST	Rabbit	LRP6	O75581	Human, Rat
67	MEK1	93	Abcam	Rabbit	MAP2K1	Q02750	Human
68	MEK1/2 (Ser217/221)	94	CST	Rabbit	MAP2K1, MAP2K2	Q02750, P36507	Chicken, Human, Monkey, Mouse, Rat, S. cerevisiae
69	Met (Tyr1234/1235) (D26) XP®	95	CST	Rabbit	MET	P08581	Human, Mouse, Rat
70	MMP-9	96	CST	Rabbit	MMP9	P14780	Human, Rat
71	mTOR	97	CST	Rabbit	MTOR	P42345	Human, Monkey, Mouse, Rat
72	mTOR (Ser2448) (D9C2) XP®	98	CST	Rabbit	MTOR	P42345	Human, Monkey, Mouse, Rat
73	Notch1 (C44H11)	101	CST	Rabbit	NOTCH1	P46531	Human, Mouse, Rat
74	p27 (Thr187)	105	Invitrogen	Rabbit	CDKN1B	P46527	Human
75	p27 KIP1 (T198)	106	Abcam	Rabbit	CDKN1B	P46527	Human, Mouse
76	p27 KIP1(C-term)	107	Abcam	Rabbit	CDKN1B	P46527	Human, Mouse, Rat
77	p38 MAPK	109	CST	Rabbit	MAPK14, MAPK11, MAPK12, MAPK13, MAPK17	P53778, Q15759, O15288, P53778, P45750	Chicken, Guinea Pig, Human, Monkey, Mouse, Rat
78	p38 MAPK (Thr180/Tyr182) (D3F9) XP®	111	CST	Rabbit	MAPK11, MAPK12, MAPK13, MAPK17	P53778, P45750	Bovine, Chicken, Hamster, Human, Monkey, Mouse, Pig, Rat, S. cerevisiae, Zebrafish
79	p44/42 MAPK (Erk1/2)	112	CST	Rabbit	MAPK1, MAPK3	P27361, P28482	Bovine, Hamster, Human, Mink, Monkey, Mouse, Pig, Rat, S. cerevisiae, Zebrafish
80	p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (197G2)	113	CST	Rabbit	MAPK1, MAPK3	P27361, P28482	D. melanogaster, Human, Mink, Monkey, Mouse, Pig, Rat, Zebrafish
81	p53	114	CST	Rabbit	TP53	P04637	Human, Monkey, Rat
82	p53 (Ser15)	115	CST	Rabbit	TP53	P04637	Human, Monkey, Mouse, Rat
83	p70 S6 Kinase	116	CST	Rabbit	RPS6KB1	P23443	Human, Monkey, Mouse, Rat
84	p70 S6 Kinase (Ser371)	117	CST	Rabbit	RPS6KB1	P23443	Human, Monkey, Mouse, Rat
85	p70 S6 Kinase (T389)	118	CST	Rabbit	RPS6KB1	P23443	Human, Monkey, Mouse, Rat
86	PDGF Receptor α (Tyr754) (23B2)	121	CST	Rabbit	PDGFRA	P16234	Human, Mouse, Rat
87	PDGF Receptor β (28E1)	122	CST	Rabbit	PDGFRB	P09619	Human, Mouse, Rat
88	PDGF Receptor β (Tyr751)	124	CST	Rabbit	PDGFRB	P09619	Human, Mouse, Rat
89	PK1 (Ser241)	125	CST	Rabbit	PDPK1	O15530	Human, Mouse, Rat
90	PIAS1 (D33A7) XP®	128	CST	Rabbit	PIAS1	O75925	Human, Monkey, Mouse, Rat
91	PTEN (D4.3) XP®	129	CST	Rabbit	PTEN	P60484	Chicken, Dog, Human, Monkey, Mouse, Rat
92	PTEN (Ser380)	130	CST	Rabbit	PTEN	P60484	Chicken, Human, Mouse, Rat
93	Raf-B (Ser445)	132	CST	Rabbit	BRAF	P15056	Chicken, Dog, Human, Monkey, Mouse, Rat
94	RANKL	133	Novusbio	Rabbit	TNFSF11	Q14788	Human

95	Ret (Tyr905)	134	CST	Rabbit	RET	P07949	D. melanogaster, Human
96	S100A7 calcium binding protein	135	Abnova	Mouse	S100A7	P31151	Human
97	Serpin A1(EPSISR16)	136	Abcam	Rabbit	SERPINA1	P01009	Human, Mouse, Rat
98	Slug (C19G7)	137	CST	Rabbit	SNAI2	O43623	Human, Mouse
99	Smad2 (Ser465/467)	140	CST	Rabbit	SMAD2	Q15796	Chicken, Human, Mouse, Rat, Xenopus , Zebrafish
100	SOCS1 (A156)	144	CST	Rabbit	SOCS1	O15524	Dog, Human, Monkey, Mouse, Rat
101	Sox2 (D6D9) XP®	146	CST	Rabbit	SOX2	P48431	Bovine, Dog, Horse, Human, Monkey
102	Src (Tyr527)	147	CST	Rabbit	SRC	P12931	Chicken, Human, Mouse, Rat
103	Stat1	149	CST	Rabbit	STAT1	P42224	Bovine, Dog, Human, Monkey, Mouse, Rat
104	Stat3 (Ser727)	153	CST	Rabbit	STAT3	P40763	Bovine, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat
105	Stat4 (Tyr693)	155	CST	Rabbit	STAT4	Q14765	Human, Mouse, Rat
106	Stat5 (Tyr694)	157	CST	Rabbit	STAT5A	P42229	Bovine, Human, Mouse, Rat
107	Stat6	158	CST	Rabbit	STAT6	P42226	Bovine, Human, Mouse, Rat
108	Stat6 (Tyr641)	159	CST	Rabbit	STAT6	P42226	Bovine, Human
109	Tuberin/TSC2 (Thr1462)	164	CST	Rabbit	TSC2	P49815	Human, Mouse, Rat
110	TWIST (Twist2C1a)	165	Santa Cruz	Mouse	TWIST1	Q15672	Human, Mouse, Rat
111	Vimentin (D21H3) XP®	166	CST	Rabbit	VIM	P08670	Human, Monkey, Mouse, Rat
112	Wnt5a/b (C27E8)	167	CST	Rabbit	WNT5A, WNT5B	P41221, Q9H117	Human, Mouse
113	YAP(H125)	169	Santa Cruz	Rabbit	YAP1	P46937	Human, Mouse, Rat
114	ZO-1	170	CST	Rabbit	TJP1	Q07157	Human, Monkey
115	Cleaved Caspase-7	171	CST	Rabbit	CASP7	P55210	Human, Monkey, Mouse, Rat
116	VEGF Receptor2 (55B11)	173	CST	Rabbit	KDR	P35968	Human, Mouse
117	Stat5a (L-20)	174	Santa Cruz	Rabbit	STAT5A	P42229	Human, Mouse, Rat
118	SOX9*	178	EMD Millipore	Rabbit	SOX9	P48436	Human, Mouse, Rat
119	SAPK/JNK (T183/Y185)(81E11)	179	CST	Rabbit	MAPK8	P45983	D. melanogaster, Human, Mouse, Rat, S. cerevisiae
120	ZEB1	180	Novusbio	Rabbit	ZEB1	P37275	Human, Mouse
121	PHF8	185	Active Motif	Rabbit	PHF8	Q9UPP1	Human
122	SRC-3 clone 1208/D1	190	BCM-Mab	Mouse	NCOA3	Q9Y6Q9	N/A
123	SRC-1 (clone 1135/H4, 1136/H4H6)	193	BCM-Mab	Mouse	NCOA1	Q15788	N/A
124	Total PR(MouseMab 1294)	194	Celetta	Mouse	PGR	P06401	N/A
125	ASH2	198	Bethyl Laboratories	Rabbit	ASH2L	Q9UBL3	Human
126	CBP (A-22)	200	Santa Cruz	Rabbit	CREBBP	Q92793	Human, Mouse, Rat
127	c-Fos (9F6)	201	CST	Rabbit	FOS	P01100	Human, Mouse, Rat
128	CHAF1A (D77D5)	202	CST	Rabbit	CHAF1A	Q13111	Human, Monkey
129	c-Jun (60A8)	203	CST	Rabbit	JUN	P05412	Human, Monkey , Mouse, Rat
130	CRSP1/TRAP220	204	Bethyl Laboratories	Rabbit	MED1	Q15648	Human, Mouse
131	CtBP2	205	CST	Rabbit	CTBP2	P56545	Human, Monkey , Mouse, Rat
132	Cyclin C (T-19)	206	Santa Cruz	Rabbit	CCNC	P24863	Human, Mouse, Rat
133	DRIP130	207	Abcam	Rabbit	MED23	Q9ULK4	Dog , Monkey , Mouse, Rabbit, Rat
134	FoxK2	209	CST	Rabbit	FOXK2	Q01167	Human, Monkey
135	KLF4 (D1F2)	211	CST	Rabbit	KLF4	O43474	Human
136	MED12	212	Abcam	Rabbit	MED12	Q93074	Human, Mouse
137	p300 (C-20)	215	Santa Cruz	Rabbit	EP300	Q09472	Human, Mouse, Rat
138	Phospho-c-Fos (Ser32) (D82C12)	216	CST	Rabbit	FOS	P01100	Human, Mouse, Rat
139	PPP1R10 [EPR11706]	217	Abcam	Rabbit	PPP1R10	Q96QC0	Human
140	Stat3 (D3Z2G)	218	CST	Rabbit	STAT3	P40763	Human, Monkey , Mouse, Rat
141	TRAP220/MED1 (phospho T1457)	220	Abcam	Rabbit	MED1	Q15648	Human, Monkey , Mouse
142	HIF-2A (D9E3)	221	CST	Rabbit	EPAS1	Q99814	Human
143	Phospho-c-Jun (Ser63) II Ab	223	CST	Rabbit	JUN	P05412	Human, Monkey , Mouse, Pig , Rat
144	Sin3b	225	Abcam	Rabbit	SIN3B	O75182	Mouse, Rat
145	Phospho-Rb (Ser807/811)	237	CST	Rabbit	RB1	P06400	Human, Monkey, Mouse, Rat

146	Phospho-Rb (Ser780) (C84F6)	238	CST	Rabbit	RB1	P06400	Human, Monkey, Mouse, Pig, Rat
147	Phospho-FAK (Tyr576/577)	261	CST	Rabbit	PTK2	Q05397	Chicken, Human, Mouse, Rat, Xenopus
148	AR441 Mab	264	BCM-Mab	Mouse	AR	P10275	N/A
149	Ki67	265	Vector Laboratories	Rabbit	MKI67	P46013	Human
150	Integrin α 4 (D2E1)	266	CST	Rabbit	ITGA4	P13612	Human, Mouse, Rat
151	Integrin α 5	267	CST	Rabbit	ITGA5	P08648	Human, Monkey, Mouse
152	Integrin α V	268	CST	Rabbit	ITGAV	P06756	Human, Rat
153	Integrin β 1 (D2E5)	269	CST	Rabbit	ITGB1	P05556	Human
154	Integrin β 3 (D7X3P)	270	CST	Rabbit	ITGB3	P05106	Human, Mouse
155	Integrin β 4	271	CST	Rabbit	ITGB4	P16144	Human
156	PI3 Kinase p85	286	CST	Rabbit	PIK3R1, PIK3R2	P27986, PIK3R2	Human, Mouse, Rat
157	AMPKa (23A3)	287	CST	Rabbit	PRKAA1, PRKAA2	Q13131, P54646	Human, Monkey, Mouse, Rat
158	PI3 Kinase p110 α (C73F8)	288	CST	Rabbit	PIK3CA	P42336	Bovine, Human, Mouse, Rat
159	Estrogen Receptor (SP1)	295	Thermo Scientific	Rabbit	ESR1	P03372	Hamster, Human, Mouse
160	p21 Waf1/Cip1 (12D1)	301	CST	Rabbit	CDKN1A	P38936	Dog, Human, Monkey
161	Atg12 (D88H11)	304	CST	Rabbit	ATG12	O94817	Human, Monkey, Mouse, Rat
162	Beclin-1 (D40C5)	305	CST	Rabbit	BECN1	Q14457	Human, Monkey, Mouse, Rat
163	Cleaved Caspase-3 (Asp175)	306	CST	Rabbit	CASP3	P42574	Bovine, Dog, Human, Monkey, Mouse, Pig, Rat
164	Beta-Catenin (CT)	307	Invitrogen	Rabbit	CTNNB1	P35222	Chicken, Human, Mouse, Rat, Xenopus
165	IGF-IR (3B7)	309	Santa Cruz	Mouse	IGF1R	P08069	Human
166	Laminin-5 (gamma2 chain), clone D4B5	311	EMD Millipore	Mouse	LAMC2	Q13753	Human
167	Atg3	312	CST	Rabbit	ATG3	Q9NT62	Bovine, Chicken, Dog, Human, Monkey, Mouse, Rat, Xenopus
168	Atg7	314	CST	Rabbit	ATG7	O95352	Bovine, Human, Monkey, Mouse, Rat
169	LC3A (D50G8) XP	315	CST	Rabbit	MAP1LC3A	Q9H492	Dog, Human, Monkey, Mouse, Rat
170	LC3B (D11)	316	CST	Rabbit	MAP1LC3B	Q9GZQ8	Bovine, Human, Monkey, Mouse, Pig, Rat
171	EGF Receptor (Tyr845)	318	CST	Rabbit	EGFR	P00533	Human, Mouse, Rat
172	EGF Receptor (Tyr992)	319	CST	Rabbit	EGFR	P00533	Human, Rat
173	ErbB2/HER2 (Y1248)	322	Imgenex/Novus Biologicals	Rabbit	ERBB2	P04626	Human, Mouse, Rat
174	Phospho-Shc (Tyr317)	325	CST	Rabbit	SHC1	P29353	Human, Mouse
175	Steroid-5-alpha-reductase 1 (SRD5A1)	326	Invitrogen	Rabbit	SRD5A1	P18405	Human
176	AOX1	327	Sigma-Aldrich	Mouse	AOX1	Q06278	Human
177	Fatty Acid Synthase	328	CST	Rabbit	FAS	P25445	Human, Mouse
178	Hexokinase II (C64G5)	329	CST	Rabbit	HK2	P52789	Human, Monkey, Mouse, Rat
179	PFKFB3 C-terminal	331	Abcam	Rabbit	PFKFB1	P16118	Human, Mouse
180	RRM2	332	Abcam	Rabbit	RRM2	P31350	Human
181	Phospho-Stat1 (Tyr701) (D4A7)	334	CST	Rabbit	STAT1	P42224	Human, Monkey, Mouse, Rat
182	GLDC	337	CST	Rabbit	GLDC	P23378	Human, Monkey, Mouse, Rat
183	KGA-Specific GLS1	338	Proteintech	Rabbit	GLS	O94925	Human, Mouse, Rat
184	LDHA	339	CST	Rabbit	LDHA	P00338	Human, Monkey, Mouse, Rat
185	PHGDH	340	CST	Rabbit	PHGDH	O43175	Human, Mouse, Rat
186	PKM2	341	Bethyl Laboratories	Rabbit	PKM	P14618	Human, Mouse
187	PKM1/2 (C103A3)	342	CST	Rabbit	PKM	P14618	Human, Monkey, Mouse, Rat
188	FBXO11 --same as #208	345	Abcam	Rabbit	FBXO11	Q86XK2	Human, Mouse, Rat
189	FAK (pY397)	349	CST	Rabbit	PTK2	Q05397	Hamster, Human, Mouse, Pig, Rat
190	Aldehyde Dehydrogenase 2 (ALDH2)	351	Abcam	Rabbit	ALDH2	P05091	Human, Mouse, Rat
191	IDH1 (D2H1)	352	CST	Rabbit	IDH1	O75874	Human, Monkey, Mouse, Rat
192	SCD1 (M38)	353	CST	Rabbit	SCD	O00767	Human, Mouse
193	Axl (C89E7)	356	CST	Rabbit	AXL	P30530	Human, Monkey
194	BCL2 Oncoprotein Clone 124	357	CST	Rabbit	BCL2	P10415	Human
195	c-myc clone(1123)	359	CST	Rabbit	MYC	P01106	Human, Monkey, Mouse, Rat
196	c-Src(B-12)	361	Santa Cruz	Rabbit	FYN, SRC, YES1	P06241, P12931	Human, Mouse, Rat

197	GATA-3 (D13C9)	362	CST	Rabbit	GATA3	P23771	Human, Mouse
198	Phospho-GSK-3 α/β (Ser21/9)	363	CST	Rabbit	GSK3A, GSK3B	P49840, P49841	Human, Monkey, Mouse, Rat, Zebrafish
199	HER2/c-ErbB2 P185 (e2-4001)	364	CST	Rabbit	ERBB2	P04626	Human, Mouse
200	HIF-1 α (S4)	365	CST	Rabbit	HIF1A	Q16665	Human, Monkey, Mouse, Rat
201	RB1	366	Novusbio	Rabbit	RB1	P06400	Human, Mouse, Rat
202	NCOA2 (src-2 (TIF2)	368	Novusbio	Rabbit	NCOA2	Q15596	Human, Rat
203	IKK β (D30C6)	370	CST	Rabbit	IKKB	O14920	Human, Monkey, Mouse, Rat
204	Phospho-IKK α/β (Ser176/180)	371	CST	Rabbit	CHUK	O15111	Bovine, Human, Monkey, Mouse, Rat
205	NF-kB p65 (D14E12)	372	CST	Rabbit	RELA	Q04206	Dog, Hamster, Human, Monkey, Mouse, Rat
206	Phospho-NF-kB p65 (Ser536)	373	CST	Rabbit	RELA	Q04206	Hamster, Human, Monkey, Mouse, Pig, Rat
207	IkB α (L35A5) (Amino-terminal Antigen)	374	CST	Mouse	NFKBIA	P25963	Bovine, Guinea Pig, Human, Monkey, Mouse, Pig, Rat
208	Phospho-IkB- α (Ser32)	375	CST	Rabbit	NFKBIA	P25963	Human, Monkey, Mouse, Rat
209	DNA-PKcs	378	CST	Rabbit	PRKDC	P78527	Human
210	MEK6 [EP557Y]	379	Abcam	Rabbit	MAP2K6	P52564	Human, Mouse, Rat
211	SET1A (D3V9S)	386	CST	rabbit	SETD1A	O15047	Human
212	LSD1 (C69G12)	387	CST	rabbit	KDM1A	O60341	Human, Monkey, Mouse, Rat
213	GCN5L2 (C26A10)	389	CST	rabbit	KAT2A	Q92830	Human, Monkey, Mouse, Rat
214	Sirt6 (D8D12)	390	CST	rabbit	SIRT6	Q8N6T7	Human, Monkey, Mouse, Rat
215	G9a/EHMT2 (C6H3)	392	CST	rabbit	EHMT2	Q96KQ7	Human, Monkey, Mouse, Rat
216	Phospho-HP1 γ (Ser83)	394	CST	rabbit	CBX3	Q13185	Human, Monkey, Mouse, Rat
217	JARID1A (D28B10)	395	CST	rabbit	KDM5A	P29375	Human, Mouse
218	JMJD2B (D7E6)	400	CST	rabbit	KDM4B	O94953	Human, Monkey
219	PHF2 (D45A2)	401	CST	rabbit	PHF2	O75151	Human, Monkey, Mouse, Rat
220	PRAS40 (D23C7)	426	CST	Rabbit	AKT1S1	Q96B36	Human, Monkey, Mouse, Rat
221	Phospho-PRAS40 (Thr246) (C77D7)	427	CST	Rabbit	AKT1S1	Q96B36	Human, Mouse
222	Phospho-PRAS40 (Ser183)	428	CST	Rabbit	AKT1S1	Q96B36	Human, Mouse
223	GbetaL (86B8) [mLST8]	429	CST	Rabbit	MLST8	Q9BVC4	Human, Monkey, Mouse, Rat
224	ULK1 (D8H5)	430	CST	Rabbit	ULK1	O75385	Human, Mouse, Rat
225	Phospho-ULK1 (Ser757) (D7O6U)	431	CST	Rabbit	ULK1	O75385	Human, Mouse, Rat
226	Phospho-mTOR (Ser2481)	432	CST	Rabbit	MTOR	P42345	Human, Monkey, Mouse, Rat
227	4E-BP1 (53H11)	433	CST	Rabbit	EIF4EBP1	Q13541	Human, Mouse
228	Phospho-4E-BP1 (Thr37/46) (236B4)	434	CST	Rabbit	EIF4EBP1	Q13541	Human, Mouse
229	Raptor (24C12)	435	CST	Rabbit	RPTOR	Q8N122	Human, Monkey, Mouse, Rat
230	Phospho-Raptor (Ser792)	436	CST	Rabbit	RPTOR	Q8N122	Human, Mouse
231	DEPTOR/DEPDC6 (D9F5)	437	CST	Rabbit	DEPTOR	Q8TB45	Human, Monkey, Rat
232	p62/SQSTM1	438	CST	Rabbit	SQSTM1	Q13501	Human, Monkey
233	PCAF (C14G9)	445	CST	Rabbit	KAT2B	Q92831	Human, Monkey, Mouse, Rat
234	DNMT1 (D63A6)	447	CST	Rabbit	DNMT1	P26358	Human, Monkey, Mouse, Rat
235	DNMT3A (D2H4B)	448	CST	Rabbit	DNMT3A	Q9Y6K1	Human
236	DNMT3B (E8A8A)	449	CST	Rabbit	DNMT3B	Q9UBC3	Human, Monkey
237	SMARCE1/BAF57 (E6H5)	450	CST	Rabbit	SMARCE1	Q969G3	Human, Monkey, Mouse, Rat
238	SMARCC1/BAF155 (D7F8S)	451	CST	Rabbit	SMARCC1	Q92922	Human, Monkey, Mouse, Rat
239	SMARCC2/BAF170 (D8O9V)	452	CST	Rabbit	SMARCC2	Q8TAQ2	Human, Monkey, Mouse, Rat
240	SMARCA1 (D4Q7V)	453	CST	Rabbit	SMARCA1	P28370	Human, Monkey
241	Brg1 (D1Q7F)	454	CST	Rabbit	SMARCA4	P51532	Human, Monkey, Mouse, Rat
242	JARID1C(d29b9)	457	Abcam	Rabbit	KDM5C	P41229	Human, Mouse, Rat
243	JMJD2A(C37E5)	458	Abcam	Rabbit	KDM4A	O75164	Human, Mouse, Rat
244	AMPK β 1 (71C10)	469	CST	Rabbit	PRKAB1	Q9Y478	Hamster, Human, Monkey, Mouse, Pig, Rat
245	Chk1	470	Novusbio	Rabbit	CHEK1	O14757	Human, Mouse
246	Jak1	471	Novusbio	Rabbit	JAK1	P23458	Human, Mouse, Rat
247	PDK1	472	Abcam	Rabbit	PDPK1	O15530	Human, Mouse, Rabbit

248	B-Raf (55C6)	473	CST	Rabbit	BRAF	P15056	Human , Monkey , Mouse , Rat
249	Ret (E1N8X)	474	CST	Rabbit	RET	P07949	Human , Mouse
250	Smad2 (86F7)	475	CST	Rabbit	SMAD2	Q15796	Human , Monkey
251	STAT4(C46B10)	477	CST	Rabbit	STAT4	Q14765	Human , Mouse , Rat
252	TSC2	478	MyBioSource.com	Rabbit	TSC2	P49815	Human , Mouse , Rat
253	JNK	480	CST	Rabbit	MAPK8	P45983	Bovine , Hamster , Human , Monkey , Mouse , Rat , S. cerevisiae , Zebrafish
254	STAT2	484	Thermo Scientific	Rabbit	STAT2	P52630	Human
255	human MRE11	491	CST	Rabbit	MRE11	P49959	Human
256	RAD50	492	CST	Rabbit	RAD50	Q92878	Human , Monkey
257	NBS1	494	CST	Rabbit	NBN	O60934	Human , Mouse , Rat
258	RNF20	495	Abcam	Rabbit	RNF20	Q5VTR2	Human , Mouse
259	KU70	497	CST	Rabbit	XRCC6	P12956	Bovine ;Hamster ;Human ;Monkey ;Mouse ;Pig ;Rat
260	CYCLIN A	499	CST	Rabbit	CCNA2	P20248	Human
261	CYCLIN B	500	CST	Rabbit	CCNB1	P14635	Human ;Rat
262	CYCLIN D	501	CST	Rabbit	CCND1	P24385	Human ;Mouse ;Rat
263	CYCLIN E	502	CST	Rabbit	CCNE1	P24864	Human ;Mouse ;Rat
264	CDK1	503	Abcam	Rabbit	CDK1	P06493	Human
265	CDK2	504	CST	Rabbit	CDK2	P24941	Human ;Mouse ;Rat
266	CDK4	505	CST	Rabbit	CDK4	P11802	Human ;Monkey
267	DP1	506	Abcam	Rabbit	TFDP1	Q14186	Human ;Mouse ;Rat
268	P16	508	CST	Rabbit	CDKN2A	P42771	Human
269	P18	509	Abcam	Rabbit	CDKN2C	P42773	Human ;Mouse ;Rat
270	P57	510	Abcam		CDKN1C	P49918	
271	SUFU	512	CST	Rabbit	SUFU	Q9UMX1	Human , Monkey , Mouse
272	Egr1	513	CST	Rabbit	EGR1	P18146	Bovine ;Human ;Mouse ;Rat
273	Smad1	516	CST	Rabbit	SMAD1	Q15797	Human ;Monkey ;Mouse
274	PKA	518	CST	Rabbit	PRKACA	P17612	Hamster , Human , Monkey , Mouse , Rat
275	CREB	520	CST	Rabbit	CREB1	P16220	Hamster ;Human ;Monkey ;Mouse ;Rat
276	Phospho-CREB (Ser133) (87G3)	521	CST	Rabbit	CREB1	P16220	Human ;Mouse ;Rat
277	Jagged1	528	Santa Cruz	Mouse	JAG1	P78504	Human ;Mouse ;Rat
278	RUNX2	531	CST	Rabbit	RUNX2	Q13950	Human ;Mouse ;Rat
279	FAK	545	CST	Rabbit	PTK2	Q05397	Human , Mouse
280	pAMPK β 1 (Ser108)	547	CST	Rabbit	PRKAB1	Q9Y478	Human , Mouse , Rat
281	IDH2	584	CST	Mouse	IDH2	P48735	Human ;Monkey ;Mouse ;Rat
282	Citrate Synthase	585	CST	Rabbit	CS	O75390	Hamster ;Human ;Monkey ;Mouse ;Rabbit
283	OGDH	586	CST	Rabbit	OGDH	Q02218	Human ;Monkey ;Mouse ;Rabbit
284	SDHA	587	CST	Rabbit	SDHA	P31040	Hamster ;Human ;Monkey ;Mouse ;Rabbit
285	MDH2	588	CST	Rabbit	MDH2	P40926	Human ;Monkey ;Mouse ;Rabbit
286	SMARCB1/BAF47	589	CST	Rabbit	SMARCB1	Q12824	Human ;Monkey ;Mouse ;Rabbit
287	ERRa	590	CST	Rabbit	ESRRA	P11474	Human ;Monkey ;Mouse ;Rat
288	AhR	593	CST	Rabbit	AhR	P35869	Human
289	NDUFB8	594	Abcam	Mouse	NDUFB8	O95169	Bovine ;Human ;Mouse ;Rat
290	SDHB	595	Abcam	Mouse	SDHB	P21912	Bovine ;Human ;Mouse ;Rat
291	MTCO2	596	Abcam	Mouse	MTCO2	P00403	Human
292	ATP5A	597	Abcam	Mouse	ATP5A	P25705	Bovine ;Human ;Mouse ;Rat
293	ASPA	598	Abcam	Rabbit	ASPA	P45381	Human ;Mouse
294	EPHX2	599	Sigma-Aldrich	Rabbit	EPHX2	P34913	Human