

BCM RPPA Core Validated Phos-total Antibody List 2024

All antibodies are validated and against most human protein targets.

No.	DESCRIPTION	Ab_ID	Company	Host	Gene_Symbol	Swiss_Prot_Ac c	Species_x_reactivity
1	Akt	2	CST	Rabbit	AKT1, AKT2, AKT3	Q9Y243	Bovine, Chicken, D. melanogaster, Dog, Guinea Pig, Hamster, Human, Monkey, Mouse, Pig, Rat
2	Akt (Ser473)	3	CST	Rabbit	AKT1	P31749	Bovine, Chicken, D. melanogaster, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat, Xenopus
3	Akt (Thr308)	4	CST	Rabbit	AKT1	P31749	Human, Mouse, Rat
4	ALK	7	CST	Rabbit	ALK	Q9UM73	Human
5	ALK (Tyr1586)	8	CST	Rabbit	ALK	Q9UM73	Human
6	ALK (Tyr1604)	9	CST	Rabbit	ALK	Q9UM73	Human
7	AMPKa	287	CST	Rabbit	PRKAA1, PRKAA2	Q13131	Human, Monkey, Mouse, Rat
8	AMPKa (Thr172)	11	CST	Rabbit	PRKAA1, PRKAA2	Q13131, P54646	Bovine, Chicken, D. melanogaster, Hamster, Human, Monkey, Mouse, Pig, Rat, S. cerevisiae, Zebrafish
9	AMPKa1 (Ser485)	12	CST	Rabbit	PRKAA1	Q13131	Chicken, Human, Monkey, Mouse, Rat
10	AMPKβ1	469	CST	Rabbit	PRKAB1	Q9Y478	Hamster, Human, Monkey, Mouse, Pig, Rat
11	pAMPKβ1 (Ser108)	547	CST	Rabbit	PRKAB1	Q9Y478	Human, Mouse, Rat
12	ATM	18	Abcam	Rabbit	ATM	Q13315	Human
13	ATM (Ser1981)	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/AIK	23	CST	Rabbit	AURKC	Q9UQB9	Human, Monkey
17	Aurora A (Thr288)/Aurora B (Thr232)/Aurora C (Thr198)	22	CST	Rabbit	AURKA, AURKB, AURKC	Q9UQB9, O96GD4	Human, Mouse, Rat
18	Axl	356	CST	Rabbit	AXL	P30530	Human, Monkey
19	Axl (Tyr702)	25	CST	Rabbit	AXL	P30530	Human, Mouse, Rat
20	Bad	26	CST	Rabbit	BAD	Q92934	Human, Monkey, Mouse, Rat
21	Bad (Ser112)	27	CST	Rabbit	BAD	Q92934	Human, Monkey, Mouse, Rat
22	Bad (Ser136)	28	CST	Rabbit	BAD	Q92934	Human, Mouse, Rat
23	Bad (Ser155)	29	CST	Rabbit	BAD	Q92934	Human, Mouse, Rat
24	Bcl-2	357	CST	Rabbit	BCL2	P10415	Human
25	Bcl-2 (Ser70) (5H2)	33	CST	Rabbit	BCL2	P10415	Human
26	Bcl-2 (Thr56) (Human Specific)	34	CST	Rabbit	BCL2	P10415	Human
27	Caspase-3	41	CST	Rabbit	CASP3	P42574	Human, Monkey, Mouse, Rat
28	Cleaved Caspase-3 (Asp175)	306	CST	Rabbit	CASP3	P42574	Bovine, Dog, Human, Monkey, Mouse, Pig, Rat
29	Beta-Catenin (CT)	307	Invitrogen	Rabbit	CTNNB1	P35222	Chicken, Human, Mouse, Rat, Xenopus
30	Beta-Catenin (Ser33/37/Thr41)	42	CST	Rabbit	CTNNB1	P35222	Bovine, Chicken, Dog, Human, Monkey, Mouse, Pig, Rat, Xenopus, Zebrafish
31	Caveolin-1	43	CST	Rabbit	CAV1	Q03135	Bovine, Dog, Hamster, Human, Monkey, Mouse, Rat
32	Caveolin-1 (Y14)	44	Abcam	Rabbit	CAV1	Q03135	Human, Mouse, Rat
33	Chk1	470	Novusbio	Rabbit	CHEK1	O14757	Human, Mouse
34	Chk1 (Ser345)	48	CST	Rabbit	CHEK1	O14757	Human, Monkey, Mouse, Rat
35	Chk2	49	CST	Mouse	CHEK2	O96017	Human, Monkey
36	Chk2 (Ser33/35)	50	CST	Rabbit	CHEK2	O96017	Human, Monkey
37	c-Myc	359	CST	Rabbit	MYC	P01106	Human, Monkey, Mouse, Rat
38	c-Myc (phospho T58)	56	Abcam	Rabbit	MYC	P01106	Human, Mouse
39	CREB	520	CST	Rabbit	CREB	P16220	Human, Mouse, Rat, Monkey, D. melanogaster
40	phospho-CREB	521	CST	Rabbit	CREB	P16220	Human, Mouse, Rat
41	EGF Receptor	61	CST	Rabbit	EGFR	P00533	Human, Monkey, Mouse
42	EGF Receptor (Ser1046/1047)	63	CST	Rabbit	EGFR	P00533	Human, Mouse, Rat
43	EGF Receptor (Tyr1045)	64	CST	Rabbit	EGFR	P00533	Human, Rat

44	EGF Receptor (Tyr1148)	65	CST	Rabbit	EGFR	P00533	Human, Monkey, Rat
45	EGF Receptor (Tyr1173)	67	CST	Rabbit	EGFR	P00533	Human, Mouse, Rat
46	EGF Receptor(Tyr1068)	68	CST	Rabbit	EGFR	P00533	Human, Monkey, Mouse, Rat
47	EGF Receptor (Tyr845)	318	CST	Rabbit	EGFR	P00533	Human, Mouse, Rat
48	EGF Receptor (Tyr992)	319	CST	Rabbit	EGFR	P00533	Human, Rat
49	HER2/c-ErbB2	364	CST	Rabbit	ERBB2	P04626	Human, Mouse
50	HER2/ErbB2 (Y877)	78	Imgenex/Novus Biologicals	Rabbit	ERBB2	P04626	Human, Mouse, Rat
51	ErbB2/HER2 (Y1248)	322	Imgenex/Novus Biologicals	Rabbit	ERBB2	P04626	Human, Mouse, Rat
52	HER3/ErbB3	79	CST	Rabbit	ERBB3	P21860	Human, Mouse, Rat
53	HER3/ErbB3 (Tyr1197)	80	CST	Rabbit	ERBB3	P21860	Human, Mouse, Rat
54	I κ B α (Amino-terminal Antigen)	374	CST	Mouse	NFKBIA	P25963	Bovine, Guinea Pig, Human, Monkey, Mouse, Pig, Rat
55	I κ BB α -alpha (S32/36)	86	BD Biosciences	Mouse	NFKBIA	P25963	Human
56	Phospho-I κ B- α (Ser32)	375	CST	Rabbit	NFKBIA	P25963	Human, Monkey, Mouse, Rat
57	Jak1	471	Novusbio	Rabbit	JAK1	P23458	Human , Mouse , Rat
58	Jak1 (Tyr1034/1035)	88	CST	Rabbit	JAK1	P23458	Bovine, Human, Mouse, Rat
59	MEK1	93	Abcam	Rabbit	MAP2K1	Q02750	Human
60	MEK1/2 (Ser217/221)	94	CST	Rabbit	MAP2K1, MAP2K2	Q02750, P36507	Chicken, Human, Monkey, Mouse, Rat, S. cerevisiae
61	c-Met	54	Abcam	Rabbit	MET	P08581	Human
62	Met (Tyr1234/1235)	95	CST	Rabbit	MET	P08581	Human, Mouse, Rat
63	mTOR	97	CST	Rabbit	MTOR	P42345	Human, Monkey, Mouse, Rat
64	Phospho-mTOR (Ser2481)	432	CST	Rabbit	MTOR	P42345	Human, Monkey, Mouse, Rat
65	mTOR (Ser2448)	98	CST	Rabbit	MTOR	P42345	Human, Monkey, Mouse, Rat
66	p27 KIP1(C-term)	107	Abcam	Rabbit	CDKN1B	P46527	Human, Mouse, Rat
67	p27 (Thr187)	105	Invitrogen	Rabbit	CDKN1B	P46527	Human
68	p27 KIP1 (T198)	106	Abcam	Rabbit	CDKN1B	P46527	Human, Mouse
69	p38 MAPK	109	CST	Rabbit	MAPK14, MAPK11, MAPK12	P53778, O15759	Chicken, Guinea Pig, Human, Monkey, Mouse, Rat
70	p38 MAPK (Thr180/Tyr182)	111	CST	Rabbit	MAPK11, MAPK12	O15264	Bovine, Chicken, Hamster, Human, Monkey, Mouse, Pig, Rat, S. cerevisiae, Zebrafish
71	p44/42 MAPK (Erk1/2)	112	CST	Rabbit	MAPK1, MAPK3	P27361, P28482	Bovine, Hamster, Human, Mink, Monkey, Mouse, Pig, Rat, S. cerevisiae, Zebrafish
72	p44/42 MAPK (Erk1/2) (Thr202/Tyr204) (197G2)	113	CST	Rabbit	MAPK1, MAPK3	P27361, P28482	D. melanogaster, Human, Mink, Monkey, Mouse, Pig, Rat, Zebrafish
73	p53	114	CST	Rabbit	TP53	P04637	Human, Monkey, Rat
74	p53 (Ser15)	115	CST	Rabbit	TP53	P04637	Human, Monkey, Mouse, Rat
75	p70 S6 Kinase	116	CST	Rabbit	RPS6KB1	P23443	Human, Monkey, Mouse, Rat
76	p70 S6 Kinase (Ser371)	117	CST	Rabbit	RPS6KB1	P23443	Human, Monkey, Mouse, Rat
77	p70 S6 Kinase (T389)	118	CST	Rabbit	RPS6KB1	P23443	Human, Monkey, Mouse, Rat
78	PDGF Receptor β	122	CST	Rabbit	PDGFRB	P09619	Human, Mouse, Rat
79	PDGF Receptor β (Tyr751)	124	CST	Rabbit	PDGFRB	P09619	Human, Mouse, Rat
80	PDK1	472	Abcam	Rabbit	PDPK1	O15530	Human , Mouse , Rabbit
81	PDK1 (Ser241)	125	CST	Rabbit	PDPK1	O15530	Human, Mouse, Rat
82	PTEN	129	CST	Rabbit	PTEN	P60484	Chicken, Dog, Human, Monkey, Mouse, Rat
83	PTEN (Ser380)	130	CST	Rabbit	PTEN	P60484	Chicken, Human, Mouse, Rat
84	B-Raf	473	CST	Rabbit	BRAF	P15056	Human , Monkey , Mouse , Rat
85	B-Raf (Ser445)	132	CST	Rabbit	BRAF	P15056	Chicken, Dog, Human, Monkey, Mouse, Rat
86	Ret	474	CST	Rabbit	RET	P07949	Human , Mouse
87	Ret (Tyr905)	134	CST	Rabbit	RET	P07949	D. melanogaster, Human
88	Smad2	475	CST	Rabbit	SMAD2	Q15796	Human , Monkey
89	Smad2 (Ser465/467)	140	CST	Rabbit	SMAD2	Q15796	Chicken, Human, Mouse, Rat, Xenopus , Zebrafish

90	c-Src	361	Santa Cruz	Rabbit	FYN, SRC, YES1	P06241, P12931	Human, Mouse, Rat
91	c-Src (Tyr527)	147	CST	Rabbit	SRC	P12931	Chicken, Human, Mouse, Rat
92	Stat1	149	CST	Rabbit	STAT1	P42224	Bovine, Dog, Human, Monkey, Mouse, Rat
93	Phospho-Stat1 (Tyr701)	334	CST	Rabbit	STAT1	P42224	Human, Monkey, Mouse, Rat
94	Stat3	218	CST	Rabbit	STAT3	P40763	Human, Monkey, Mouse, Rat
95	Stat3 (Ser727)	153	CST	Rabbit	STAT3	P40763	Bovine, Dog, Hamster, Horse, Human, Monkey, Mouse, Pig, Rat
96	STAT4	477	CST	Rabbit	STAT4	Q14765	Human, Mouse, Rat
97	Stat4 (Tyr693)	155	CST	Rabbit	STAT4	Q14765	Human, Mouse, Rat
98	Stat5a	174	Santa Cruz	Rabbit	STAT5A	P42229	Human, Mouse, Rat
99	Stat5 (Tyr694)	157	CST	Rabbit	STAT5A	P42229	Bovine, Human, Mouse, Rat
100	Stat6	158	CST	Rabbit	STAT6	P42226	Bovine, Human, Mouse, Rat
101	Stat6 (Tyr641)	159	CST	Rabbit	STAT6	P42226	Bovine, Human
102	TSC2	478	MyBioSource.com	Rabbit	TSC2	P49815	Human, Mouse, Rat
103	Tuberin/TSC2 (Thr1462)	164	CST	Rabbit	TSC2	P49815	Human, Mouse, Rat
104	JNK	480	CST	Rabbit	MAPK8	P45983	Bovine, Hamster, Human, Monkey, Mouse, Rat, S. cerevisiae, Zebrafish
105	SAPK/JNK (T183/Y185)	179	CST	Rabbit	MAPK8	P45983	D. melanogaster, Human, Mouse, Rat, S. cerevisiae
106	c-Fos	201	CST	Rabbit	FOS	P01100	Human, Mouse, Rat
107	Phospho-c-Fos (Ser32)	216	CST	Rabbit	FOS	P01100	Human, Mouse, Rat
108	CRSP1/TRAP220	204	Bethyl Laboratories	Rabbit	MED1	Q15648	Human, Mouse
109	TRAP220/MED1 (T1457)	220	Abcam	Rabbit	MED1	Q15648	Human, Monkey, Mouse
110	c-Jun	203	CST	Rabbit	JUN	P05412	Human, Monkey, Mouse, Rat
111	Phospho-c-Jun (Ser63) II Ab	223	CST	Rabbit	JUN	P05412	Human, Monkey, Mouse, Pig, Rat
112	Rb1	366	Novusbio	Rabbit	RB1	P06400	Human, Mouse, Rat
113	Phospho-Rb (Ser807/811)	237	CST	Rabbit	RB1	P06400	Human, Monkey, Mouse, Rat
114	Phospho-Rb (Ser780)	238	CST	Rabbit	RB1	P06400	Human, Monkey, Mouse, Pig, Rat
115	FAK	545	CST	Rabbit	PTK2	Q05397	Human, Mouse
116	Phospho-FAK (Tyr576/577)	261	CST	Rabbit	PTK2	Q05397	Chicken, Human, Mouse, Rat, Xenopus
117	Phospho-FAK (Y397)	349	CST	Rabbit	PTK2	Q05397	Hamster, Human, Mouse, Pig, Rat
118	IKK β	370	CST	Rabbit	IKKBK	O14920	Human, Monkey, Mouse, Rat
119	Phospho-IKK α/β (Ser176/180)	371	CST	Rabbit	CHUK	O15111	Bovine, Human, Monkey, Mouse, Rat
120	NF-kB p65	372	CST	Rabbit	RELA	Q04206	Dog, Hamster, Human, Monkey, Mouse, Rat
121	Phospho-NF-kB p65 (Ser536)	373	CST	Rabbit	RELA	Q04206	Hamster, Human, Monkey, Mouse, Pig, Rat
122	PRAS40	426	CST	Rabbit	AKT1S1	Q96B36	Human, Monkey, Mouse, Rat
123	Phospho-PRAS40 (Thr246)	427	CST	Rabbit	AKT1S1	Q96B36	Human, Mouse
124	Phospho-PRAS40 (Ser183)	428	CST	Rabbit	AKT1S1	Q96B36	Human, Mouse
125	ULK1	430	CST	Rabbit	ULK1	O75385	Human, Mouse, Rat
126	Phospho-ULK1 (Ser757)	431	CST	Rabbit	ULK1	O75385	Human, Mouse, Rat
127	4E-BP1	433	CST	Rabbit	EIF4EBP1	Q13541	Human, Mouse
128	Phospho-4E-BP1 (Thr37/46)	434	CST	Rabbit	EIF4EBP1	Q13541	Human, Mouse
129	Raptor	435	CST	Rabbit	RPTOR	Q8N122	Human, Monkey, Mouse, Rat
130	Phospho-Raptor (Ser792)	436	CST	Rabbit	RPTOR	Q8N122	Human, Mouse
sum	75 phos; 55 total						
	Green highlighted is for total protein						