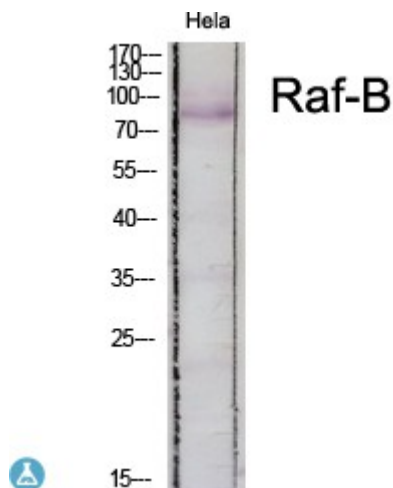


Anti-Raf-B antibody



Description	Rabbit polyclonal to Raf-B.
Model	STJ95349
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC, WB
Immunogen	Synthesized peptide derived from human Raf-B around the non-phosphorylation site of S602.
Immunogen Region	550-630 aa
Gene ID	673
Gene Symbol	BRAF
Dilution range	WB 1:500-1:2000IHC 1:100-1:300ELISA 1:10000
Specificity	Raf-B Polyclonal Antibody detects endogenous levels of Raf-B protein.
Tissue Specificity	Brain and testis.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Serine/threonine-protein kinase B-raf Proto-oncogene B-Raf p94 v-Raf murine sarcoma viral oncogene homolog B1
Molecular Weight	85 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:10970MIM:114500
Alternative Names	Serine/threonine-protein kinase B-raf Proto-oncogene B-Raf p94 v-Raf murine sarcoma viral oncogene homolog B1
Function	Protein kinase involved in the transduction of mitogenic signals from the cell membrane to the nucleus. May play a role in the postsynaptic responses of hippocampal neuron. Phosphorylates MAP2K1, and thereby contributes to the MAP kinase signal transduction pathway.
Cellular Localization	Nucleus Cytoplasm. Cell membrane. Colocalizes with RGS14 and RAF1 in both the cytoplasm and membranes.
Post-translational Modifications	Phosphorylation at Ser-365 by SGK1 inhibits its activity. Methylation at Arg-671 decreases stability and kinase activity. Ubiquitinated by RNF149; which leads to proteasomal degradation. Polyubiquitinated at Lys-578 in response to EGF.

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