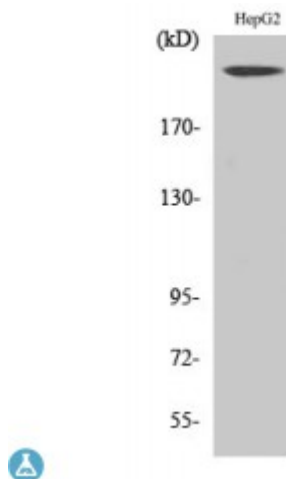


Anti-Neurofibromin antibody



Description	Rabbit polyclonal to Neurofibromin.
Model	STJ94430
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IF, WB
Immunogen	Synthesized peptide derived from human Neurofibromin
Immunogen Region	1520-1600 aa, Internal
Gene ID	4763
Gene Symbol	NF1
Dilution range	WB 1:500-1:2000IF 1:200-1:1000ELISA 1:20000
Specificity	Neurofibromin Polyclonal Antibody detects endogenous levels of Neurofibromin protein.
Tissue Specificity	Detected in brain, peripheral nerve, lung, colon and muscle.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Neurofibromin Neurofibromatosis-related protein NF-1 Neurofibromin truncated
Molecular Weight	319 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:7765OMIM:114500
Alternative Names	Neurofibromin Neurofibromatosis-related protein NF-1 Neurofibromin truncated
Function	Stimulates the GTPase activity of Ras. NF1 shows greater affinity for Ras GAP, but lower specific activity. May be a regulator of Ras activity.
Sequence and Domain Family	Binds phospholipids via its C-terminal CRAL-TRIO domain. Binds primarily glycerophospholipids with monounsaturated C18:1 and/or C16:1 fatty acid moieties and a phosphatidylethanolamine or phosphatidylcholine headgroup. Has lesser affinity for lipids containing phosphatidylserine and phosphatidylinositol.
Cellular Localization	Nucleus Nucleus, nucleolus

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