

Rabbit NF1 Polyclonal Antibody | anti-NF1 antibody

NF1 Antibody

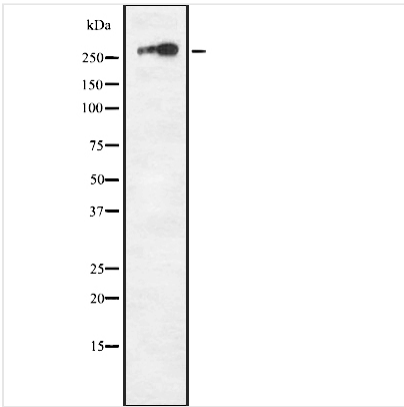
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327599	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

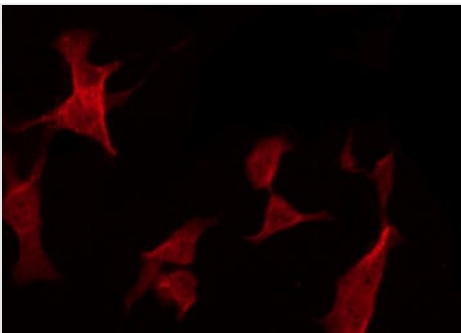
NF1; Polyclonal Antibody; NF1 Antibody; DKFZp686J1293; FLJ21220; Neurofibromatosis Noonan syndrome; Neurofibromatosis related protein NF 1; Neurofibromatosis related protein NF1; neurofibromatosis type I; Neurofibromatosis-related protein NF-1; Neurofibromin 1; Neurofibromin truncated; Neurofibromin1; NF 1; NF; NF1_HUMAN; NFNS; Type 1 Neurofibromatosis; von Recklinghausen disease neurofibromin; von Recklinghausen disease related protein VRNF; VRNF; WATS; Watson disease related protein WSS; Watson syndrome; WSS; anti-NF1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NF1 antibody detects endogenous levels of total NF1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	2818
Applicable Applications for anti-NF1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human NF1
Subcellular Location	Nucleus
Tissue Specificity	Detected in brain, peripheral nerve, lung, colon and muscle.
Predicted Cross Reactivity	Pig, Horse, Sheep, Rabbit, Dog, Xenopus
Similarity	Pig (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (91%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.



WB (Western Blot)
Western blot analysis NF1 using COS7 whole cell lysates



IF (Immunofluorescence)
AAA327599 staining HepG2 by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) Ab, diluted at 1/600, was used as the secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-NF1 antibody	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. Subunit Structure: Interacts with HTR6 (PubMed:23027611). Similarity: 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.
---	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557793
NCBI GeneID	4763
NCBI Accession #	NP_000258.1
NCBI GenBank Nucleotide #	NM_000267.3
UniProt Accession #	P21359; O00662; Q14284; Q14930; Q14931; Q9UMK3
Molecular Weight	Observed: 319 kDa Predicted: 320 kDa
NCBI Official Full Name	neurofibromin isoform 2
NCBI Official Synonym Full Names	neurofibromin 1
NCBI Official Symbol	NF1
NCBI Official Synonym Symbols	WSS; NFNS; VRNF
NCBI Protein Information	neurofibromin
UniProt Protein Name	Neurofibromin
UniProt Gene Name	NF1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.