

Rabbit Neurofibromin / NF1 Polyclonal Antibody | anti-NF1 antibody

Rabbit Polyclonal (IgG) to Human Neurofibromin / NF1

CATALOG # AAA51715	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot, Immunofluorescence, Immunohistochemistry
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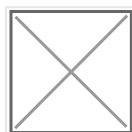
PRODUCT SYNONYMS

Neurofibromin / NF1; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human Neurofibromin / NF1; Anti-Neurofibromin / NF1 Antibody (aa1551-1600) IHC-plus; NF1; VRNF; Neurofibromin 1; NFNS; WSS; Neurofibromin; Human Neurofibromin; anti-NF1 antibody

PRODUCT SPECIFICATIONS

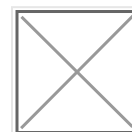
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	NF1 Antibody detects endogenous levels of total NF1 protein.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS (without Mg2+, Ca2+), pH 7.4, 150 mM sodium chloride, 0.02% sodium azide, 50% glycerol
Concentration	1 mg/ml (varies by lot)
Sequence Length	2818
Applicable Applications for anti-NF1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide from human NF1 (aa1551-1600).
Immunogen	Neurofibromin / NF1 antibody was raised against synthetic peptide from human NF1 (aa1551-1600).
Antigen Modification	aa1551-1600
Preparation and Storage	Short term 4 degree C, long term aliquot and store at -20 degree C, avoid freeze thaw cycles.

IMAGES



WB (Western Blot)

Western blot of extracts from HepG2 cells, using NF1 Antibody. The lane on the right is treated with the synthesized peptide.



IF (Immunofluorescence)

Immunofluorescence of HepG2 cells, using NF1 Antibody. The picture on the right is treated with the synthesized peptide.

**IHC (Immunohistochemistry)**

Anti-NF1 antibody IHC of human tonsil. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

**IHC (Immunohistochemistry)**

Anti-NF1 antibody IHC of human spleen. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:100.

ADDITIONAL INFORMATION

Related Product Information for anti-NF1 antibody

Mutations linked to neurofibromatosis type 1 led to the identification of NF1. NF1 encodes the protein neurofibromin, which appears to be a negative regulator of the ras signal transduction pathway. In addition to type 1 neurofibromatosis, mutations in NF1 can also lead to juvenile myelomonocytic leukemia. Alternatively spliced NF1 mRNA transcripts have been isolated, although their functions, if any, remain unclear.

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	318,992 Da
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; neurofibromatosis-related protein NF-1
UniProt Protein Name	Neurofibromin
UniProt Gene Name	NF1
UniProt Entry Name	NF1_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/neurofibromin-nf1-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/51715>