

Rabbit anti-Human Neurofibromin/NF1 Polyclonal Antibody | anti-NF1 antibody

Anti-Neurofibromin/NF1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA125388	Rabbit	Human	ELISA, Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

Neurofibromin/NF1; Polyclonal Antibody; Anti-Neurofibromin/NF1 Antibody; Neurofibromin; Neurofibromatosis-related protein NF-1; Neurofibromin truncated; NF1; anti-NF1 antibody

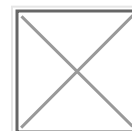
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized Each vial contains 4mg Trehalose, 0.9mg NaCl, 0.2mg Na ₂ HPO ₄ , 0.05mg NaN ₃ .
Sequence Length	2818
Applicable Applications for anti-NF1 antibody	ELISA (Direct ELISA), FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E Coli-derived human Neurofibromin/NF1 recombinant protein (Position: R160-Q270).
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	Store at -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen store at -20 degree C for a longer time. Avoid repeated freezing and thawing.

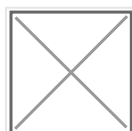
IMAGES



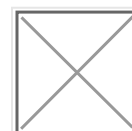
WB (Western Blot)



IHC (Immunohistochemistry)



IHC (Immunohistochemistry)



FCM/FACS (Flow Cytometry)



FCM/FACS (Flow Cytometry)

ADDITIONAL INFORMATION

Related Product Information for anti-NF1 antibody	Description: Rabbit IgG polyclonal antibody for Neurofibromin/NF1 detection. Tested with WB, IHC-P, FCM, Direct ELISA in Human. Background: Neurofibromin 1 (NF1) is a gene in humans that is located on chromosome 17. This gene product appears to function as a negative regulator of the ras signal transduction pathway. Mutations in this gene have been linked to neurofibromatosis type 1, juvenile myelomonocytic leukemia and Watson syndrome. The mRNA for this gene is subject to RNA editing (CGA>UGA->Arg1306Term) resulting in premature translation termination. Alternatively spliced transcript variants encoding different isoforms have also been described for this gene.
References	1. Scheffzek K, Welti S (2012). "Neurofibromin: Protein Domains and Functional Characteristics". In Upadhyaya M, Cooper D (eds.). Neurofibromatosis Type 1. Berlin, Heidelberg: Springer. pp. 305-326. 2. Trovó-Marqui AB, Tajara EH (July 2006). "Neurofibromin: a general outlook". Clinical Genetics. 70 (1): 1-13. 3. Peltonen S, Pöyhönen M (2012). "Clinical Diagnosis and Atypical Forms of NF1". In Upadhyaya M, Cooper D (eds.). Neurofibromatosis Type 1. Berlin, Heidelberg: Springer. pp. 17-30.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557793
NCBI GeneID	4763
NCBI Accession #	NP_000258.1
NCBI GenBank Nucleotide #	NP_000258.1
UniProt Accession #	P21359
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
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-direct-elisa-flow-cytometry-immunohistochemistry-western-blot-elisa/125388>