NF1 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	NF1, Polyclonal Antibody
Full Product Name	NF1 Antibody, Biotin conjugated
Product Gene Name	anti-NF1 antibody
Product Synonym Names	Neurofibromin; Neurofibromatosis-related protein NF-1; Neurofibromin truncated; NF1
Clonality	Polyclonal
Isotype	IgG
Host	Rabbit
Species Reactivity	Human
Form/Format	Liquid
Purity/Purification	>95%, Protein G purified
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.
Matching Pairs	Unconjugated Antibody: NF1 (MBS7104133) Biotin Conjugated Antibody: NF1 (MBS7104136)
Molecular Weight	318,992 Da
OMIM	M89914 mRNA
3D Structure	ModBase 3D Structure for P21359
Immunogen	Recombinant Human Neurofibromin protein (655-892AA)
Conjugation	Biotin
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Product Categories/Family for anti-NF1 antibody	Epigenetics and Nuclear Signaling; Neuroscience; Cancer; Metabolism; Signal transduction
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for anti-NF1 antibody	ELISA (EIA)
Related Product Information for anti-NF1 antibody	Stimulates the GTPase activity of Ras. NF1 shows greater affinity for Ras GAP, but lower specific activity. May be a regulator of Ras activity.
Other Notes	Small volumes of anti-NF1 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for NF1 purchase	MBS7104136 is an antibody targeting NF1. Also known as NF1 Antibody, Biotin conjugated. Reactive in Human. Host: Rabbit.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for NF1. It may not necessarily be applicable to this product.

NCBI GI #	4557793
NCBI GeneID	4763
NCBI Accession #	NP_000258.1
UniProt Primary Accession #	P21359
UniProt Secondary Accession #	O00662; Q14284; Q14930; Q14931; Q9UMK3
UniProt Related Accession #	P21359
GenBank Nucleotide #	NM_000267.3
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
UniProt Protein Name	Neurofibromin
UniProt Synonym Protein Names	Neurofibromatosis-related protein NF-1
Protein Family	Neurofibromin
UniProt Gene Name	NF1
NCBI Protein Information	neurofibromin
NCBI Summary for NF1	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. [provided by RefSeq, Jul 2008]
Research Articles on NF1	**1.** this studies show the ability of miR-10b to activate the expression of c-Jun through RhoC and NF1, which represents a novel pathway for promoting migration and invasion of human cancer cells
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