

Mouse NF-H Monoclonal Antibody | anti-NF-H antibody

NF-H Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311995	Mouse	Human, Mouse, Rat	Immunohistochemistry, Immunofluorescence, Immunoprecipitation, Western Blot

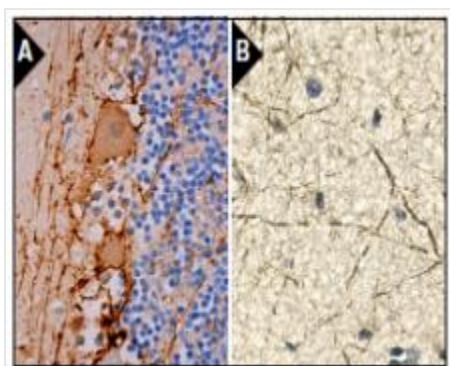
PRODUCT SYNONYMS

NF-H; Monoclonal Antibody; NF-H Antibody; 200 kDa neurofilament protein antibody; CMT2CC antibody; Nefh antibody; Neurofilament heavy polypeptide 200kDa antibody; Neurofilament heavy polypeptide antibody; Neurofilament triplet H protein antibody; NF H antibody; NF-H antibody; NFH antibody; NFH_HUMAN antibody; anti-NF-H antibody

PRODUCT SPECIFICATIONS

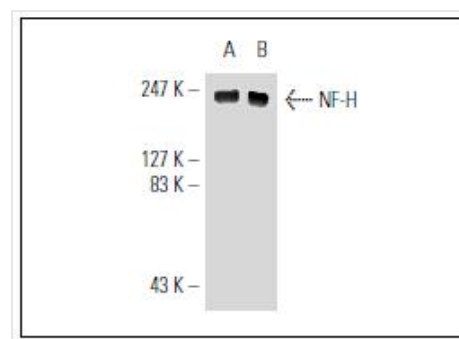
Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	2G1
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-NF-H antibody	IHC (Immunohistochemistry), IF (Immunofluorescence), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	A neurofilament NF-H protein isolated from a cytoskeletal preparation from brain tissue homogenate of calf origin.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



Application Data

Immunoperoxidase staining of formalin fixed, paraffin-embedded human cerebellum tissue showing membrane and cytoplasmic staining of Purkinje cells and neuropil staining in granular layer and molecular layer (A). Immunoperoxidase staining of formalin fixed, paraffin-embedded human cerebellum tissue showing membrane and cytoplasmic staining of Purkinje cells and neuropil staining in granular layer and molecular layer (B).



WB (Western Blot)

Western blot analysis of NF-H expression in rat brain (A) and mouse brain (B) tissue extracts.

ADDITIONAL INFORMATION

Related Product Information for anti-NF-H antibody	Neurofilament-H (NF-H), for neurofilament heavy polypeptide, a member of the intermediate filament family, is a major component of neuronal cytoskeletons. Neurofilaments are dynamic structures; they contain phosphorylation sites for a large number of protein kinases, including protein kinase A, protein kinase C, cyclin-dependent kinase 5, extracellular signal regulated kinase, glycogen synthase kinase-3, and stress-activated protein kinase gamma. In addition to their role in the control of axon caliber, neurofilaments may affect other cytoskeletal elements, such as microtubules and Actin filaments. Changes in neurofilament phosphorylation or metabolism are frequently observed in neurodegenerative diseases, including amyotrophic lateral sclerosis (ALS), Parkinson's disease and Alzheimer's disease.
Product Categories/Family for anti-NF-H antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	32483416
NCBI GeneID	4744
NCBI Accession #	NP_066554.2
NCBI GenBank Nucleotide #	NM_021076.3
UniProt Accession #	P12036; Q96HF8; Q9UJS7; Q9UQ14; B4DYY4
Molecular Weight	112,479 Da
NCBI Official Full Name	neurofilament heavy polypeptide
NCBI Official Synonym Full Names	neurofilament, heavy polypeptide
NCBI Official Symbol	NEFH
NCBI Official Synonym Symbols	NFH
NCBI Protein Information	neurofilament heavy polypeptide; NF-H; 200 kDa neurofilament protein; neurofilament triplet H protein; neurofilament, heavy polypeptide 200kDa
UniProt Protein Name	Neurofilament heavy polypeptide
UniProt Gene Name	NEFH
UniProt Synonym Gene Names	KIAA0845; NFH; NF-H
UniProt Entry Name	NFH_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/monoclonal/nf-h-antibody-clone-2g1-immunohistochemistry-immunofluorescence-immunoprecipitation-western-blot-elisa/311995>