

Mouse NF200 Monoclonal Antibody | anti-NEFH antibody

Anti-NF200 antibody (monoclonal)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA11507	Mouse	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunohistochemistry

PRODUCT SYNONYMS

NF200; Monoclonal Antibody; Anti-NF200 antibody (monoclonal); Neurofilament heavy polypeptide; neurofilament; heavy polypeptide; NFH; KIAA0845; 200 kDa neurofilament protein; Neurofilament triplet H protein; anti-NEFH antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	IgG1
Clone Number	N52
Specificity	No cross reactivity with other proteins.
Form/Format	Lyophilized
Sequence Length	1026
Applicable Applications for anti-NEFH antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Application Notes	Western Blot Concentration : 0.5 ug/mL Tested Species : Human,Mouse, Rat Immunohistochemistry (Paraffin-embedded Section) Concentration: 1-2 ug/mL Tested Species: Human, Mouse, Rat Antigen Retrieval: By Heat Immunohistochemistry (Frozen Section) Concentration: 1-2 ug/mL Tested Species: Human, Mouse, Rat Other applications have not been tested. Optimal dilutions should be determined by end users.
Immunogen	C-terminal segment of enzymatically dephosphorylated pig Neurofilament 200.
Contents	Mouse ascites fluid, 1.2% sodium acetate, 2mg BSA, with 0.01mg NaN3 as preservative.
Reconstitution	Add 1ml of PBS buffer will yield a concentration of 100ug/ml.
Preparation and Storage	At -20°C for one year. After reconstitution at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)
Anti-NF200 antibody (monoclonal), AAA11507, IHC(P)IHC(P): Rat Brain Tissue

ADDITIONAL INFORMATION

Related Product Information for anti-NEFH antibody	Background: Neurofilaments are composed of 3 neuron-specific proteins with apparent molecular masses of 68 kD(NFL), 125 kD(NFM), and 200 kD(NFH) on SDS-gel electrophoresis. Genomic clones for the largest human neurofilament protein(NF-H) were isolated, the intron/exon boundaries mapped and the entire protein-coding regions(exons) sequenced. mutations in neurofilaments have been linked to some forms of Charcot-Marie-Tooth disease(CMT).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	226726294
NCBI GeneID	4744
UniProt Accession #	P12036; Q96HF8; Q9UJS7; Q9UQ14; B4DYY4
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/nf200-antibody-clone-n52-western-blot-immunohistochemistry-immunohistochemistry-elisa/11507>