

Rabbit Neurofilament Polyclonal Antibody | anti-NEFM antibody

Neurofilament Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311967	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunocytochemistry, Western Blot

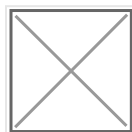
PRODUCT SYNONYMS

Neurofilament; Polyclonal Antibody; Neurofilament Antibody; 150kDa medium antibody; 160 kDa neurofilament protein antibody; 2 kDa neurofilament protein antibody; 200 kDa neurofilament protein antibody; 68 kDa neurofilament protein antibody; A1847934 antibody; CMT1F antibody; CMT2CC antibody; CMT2E antibody; FLJ53642 antibody; KIAA0845 antibody; light molecular weight neurofilament protein antibody; Micro glutamic acid-rich protein antibody; mKIAA0845 antibody; Nef3 antibody; NEFH antibody; NEFL antibody; NEFM antibody; Neurofilament 3 antibody; Neurofilament heavy polypeptide 200kDa antibody; Neurofilament heavy polypeptide antibody; Neurofilament light polypeptide 68kDa antibody; Neurofilament light polypeptide antibody; Neurofilament medium polypeptide 150kDa antibody; Neurofilament medium polypeptide antibody; Neurofilament protein heavy polypeptide antibody; Neurofilament protein light chain antibody; Neurofilament protein light polypeptide antibody; Neurofilament protein medium polypeptide antibody; neurofilament subunit NF-L antibody; Neurofilament triplet H protein antibody; Neurofilament triplet L protein antibody; Neurofilament triplet M protein antibody; neurofilament-3 (150 kD medium) antibody; NF-H antibody; NF-L antibody; NF-M antibody; NF160 antibody; NF165 antibody; NF200 antibody; NF68 antibody; NFH antibody; NFL antibody; NFM antibody; NFM_HUMAN antibody; PPP1R110 antibody; protein phosphatase 1; regulatory subunit 110 antibody; anti-NEFM antibody

PRODUCT SPECIFICATIONS

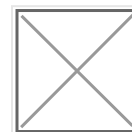
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-NEFM antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



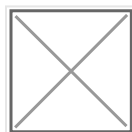
ICC (Immunocytochemistry)

ICC staining Neurofilament in N2A cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



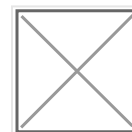
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-Neurofilament antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded rat brain tissue using anti-Neurofilament antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of Neurofilament on mouse brain tissue lysate using anti-Neurofilament antibody at 1/500 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-NEFM antibody	Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber. NF-H has an important function in mature axons that is not subserved by the two smaller NF proteins. Neurofilament-H (NF-H), also known as neurofilament heavy polypeptide, and Neurofilament-L (NF-L), also known as neurofilament light polypeptide, members of the intermediate filament family, are major components 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-NEFM 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/polyclonal/neurofilament-antibody-immunohistochemistry-immunocytochemistry-western-blot-elisa/311967>