

Rabbit anti-Mouse NF-M/NEFM Polyclonal Antibody | anti-NEFM antibody

Anti-NF-M/NEFM Antibody, Rabbit Polyclonal

CATALOG # AAA255127	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS Immunohistochemistry, Western Blot
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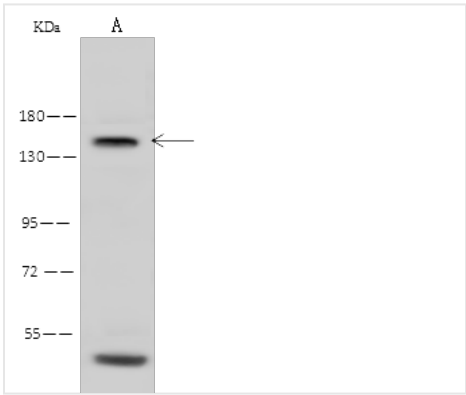
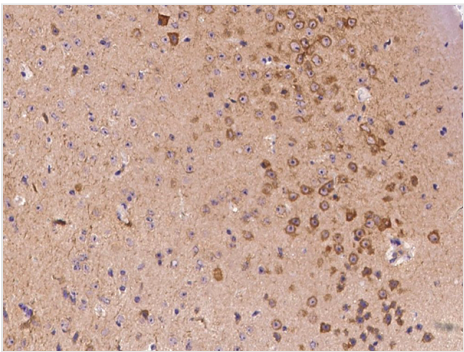
PRODUCT SYNONYMS

NF-M/NEFM; Polyclonal Antibody; Anti-NF-M/NEFM Antibody; Rabbit Polyclonal; NEFM/Neurofilament-M Antibody; Rabbit PAb; Antigen Affinity Purified; neurofilament; medium polypeptide; Anti-Nef3 Antibody; Anti-NF-M Antibody; Anti-NF160 Antibody; Anti-NF165 Antibody; Anti-Nfm Antibody; anti-NEFM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Mouse NEFM/Neurofilament-M
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-NEFM antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to the center region of the Mouse NEFM/Neurofilament-M
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with a synthetic peptide corresponding to the center region of the Mouse NEFM/Neurofilament-M, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. Avoid repeated freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunochemical staining of mouse NEFM in mouse brain with rabbit polyclonal antibody at 1:2000 dilution, formalin-fixed paraffin embedded sections.

WB (Western Blot)
Anti-NEFM rabbit polyclonal antibody at 1:500 dilution
Lane A: Mouse brain tissue lysate
Lysates/proteins at 30 ug per lane. Secondary Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution. Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 96 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NEFM antibody	NEFM (Neurofilament Medium) is a Protein Coding gene. This gene encodes the medium neurofilament protein. This protein is commonly used as a biomarker of neuronal damage. Neurofilaments usually contain three intermediate filament proteins: NEFL, NEFM, and NEFH which are involved in the maintenance of neuronal caliber. May additionally cooperate with the neuronal intermediate filament proteins PRPH and INA to form neuronal filamentous networks (By similarity). Alternative splicing results in multiple transcript variants encoding distinct isoforms. Diseases associated with NEFM include Charcot-Marie-Tooth Disease, Demyelinating, Type 1F, and Charcot-Marie-Tooth Disease, Axonal, Type 2E. Among its related pathways are Neuroscience and Association Between Physico-Chemical Features and Toxicity Associated Pathways.
References	Taylor JP, et al. (2001) Transcription of intermediate filament genes is enhanced in focal cortical dysplasia. Acta Neuropathol 102 (2): 141-148. Strous RD, et al. (2007) Association of the dopamine receptor interacting protein gene, nef3, with early response to antipsychotic medication. Int J Neuropsychopharmacol 10 (3): 321-333. Kruger R, et al. (2003) Mutation analysis of the neurofilament m gene in parkinson's disease. Neurosci Lett 351 (2): 125-129.

NCBI AND UNIPROT INFORMATION

NCBI GI #	112363107
NCBI GeneID	18040
NCBI Accession #	NP_032717.2
NCBI GenBank Nucleotide #	NM_008691.2
UniProt Accession #	P08553; Q0VDM8; Q3HRJ6; Q3TNS4; Q3TPK2; Q61961; Q8BQ20; A2VCT5
Molecular Weight	95,916 Da
NCBI Official Full Name	neurofilament medium polypeptide
NCBI Official Synonym Full Names	neurofilament, medium polypeptide
NCBI Official Symbol	Nefm
NCBI Official Synonym Symbols	Nfm; NF-M; Nef3; NF160; NF165
NCBI Protein Information	neurofilament medium polypeptide
UniProt Protein Name	Neurofilament medium polypeptide
UniProt Gene Name	Nefm
UniProt Synonym Gene Names	Nef3; Nfm; NF-M

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/nf-m-nefm-antibody-immunohistochemistry-western-blot-elisa/255127>