

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

Anti-NF-M/NEFM Antibody, Rabbit Polyclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA259111	Rabbit	Human	Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

NF-M/NEFM; Polyclonal Antibody; Anti-NF-M/NEFM Antibody; Rabbit Polyclonal; neurofilament; medium polypeptide; Anti-NEF3 Antibody; Anti-NF-M Antibody; Anti-NFM Antibody; anti-NF-M/NEFM antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human NF-M/NEFM
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-NF-M/NEFM antibody	IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	E coli-derived Human NF-M/NEFM fragment
Preparation	Produced in rabbits immunized with E coli-derived Human NF-M/NEFM fragment, 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. Avoid repeated freeze-thaw cycles.

IMAGES



IP (Immunoprecipitation)

NEFM was immunoprecipitated using: Lane A: 0.5 mg 293T Whole Cell Lysate Lane B: 0.5 mg SH-SY5Y Whole Cell Lysate 4 uL anti-NEFM rabbit polyclonal antibody and 60 ug of Immunomagnetic beads Protein A/G. Primary antibody: Anti-NEFM rabbit polyclonal antibody, at 1:100 dilution Secondary antibody: Goat Anti-Rabbit IgG (H+L)/HRP at 1/10000 dilution Developed using the ECL technique. Performed under reducing conditions. Predicted band size: 150 kDa Observed band size: 150 kDa



IHC (Immunohistochemistry)

Immunohistochemical staining of human NEFM in human brain with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.



WB (Western Blot)

Anti-NF-M/NEFM rabbit polyclonal antibody at 1:500 dilution Lane A: 293T Whole Cell Lysate Lane B: SH-SY5Y Whole Cell 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: 102 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-NF-M/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.
Krüger R, et al. (2003) Mutation analysis of the neurofilament m gene in parkinson's disease. Neurosci Lett 351 (2): 125-129.

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-immunoprecipitation-immunohistochemistry-western-blot-elisa/259111>