

Mouse Neurofilament, Light Polypeptide (NEFL) Monoclonal Antibody | anti-NEFL antibody

Monoclonal Antibody to Neurofilament, Light Polypeptide (NEFL)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA151845	Mouse	Human, Guinea pig, Rabbit, Dog	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

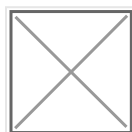
PRODUCT SYNONYMS

Neurofilament; Light Polypeptide (NEFL); Monoclonal Antibody; Monoclonal Antibody to Neurofilament; NEFL/Neurofilament; Light Polypeptide; CMT1F; CMT2E; NFL; NF68; 68 kDa neurofilament protein; Neurofilament triplet L protein; anti-NEFL antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Guinea pig, Rabbit, Dog
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	E5
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	0.92mg/mL (varies by lot)
Applicable Applications for anti-NEFL antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Source	Monoclonal antibody preparation
Cross Reactivity	Cavia, Rabbit, Canine
Immunogen	Recombinant NEFL (Ala381~Asp543) expressed in E.coli ()
Preparation and Storage	<p>Storage: Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 24 months.</p> <p>Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p>

IMAGES



WB (Western Blot)

Western Blot; Sample: Lane1: Canine Cerebrum lysate; Lane2: Rabbit Cerebrum lysate;
 Lane3: Cavia Cerebrum lysate Primary Ab: 1ug/ml Mouse AntiHuman NEFL Antibody Second
 Ab: 0.2ug/mL HRPLinked Caprine AntiMouse IgG Polyclonal Antibody (Catalog: SAA544Mu19)

ADDITIONAL INFORMATION

Product Categories/Family for anti-NEFL antibody	Neuro science; Primary
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62511894
NCBI GeneID	4747
UniProt Accession #	P07196; Q16154; Q8IU72; B9ZVN2
NCBI Official Full Name	Neurofilament light polypeptide
NCBI Official Synonym Full Names	neurofilament, light polypeptide
NCBI Official Symbol	NEFL
NCBI Official Synonym Symbols	NFL; NF-L; NF68; CMT1F; CMT2E; PPP1R110
NCBI Protein Information	neurofilament light polypeptide; neurofilament subunit NF-L; neurofilament triplet L protein; neurofilament protein, light chain; neurofilament, light polypeptide 68kDa; light molecular weight neurofilament protein; protein phosphatase 1, regulatory subun
UniProt Protein Name	Neurofilament light polypeptide
UniProt Gene Name	NEFL
UniProt Synonym Gene Names	NF68; NFL; NF-L
UniProt Entry Name	NFL_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/neurofilament-light-polypeptide-neff-antibody-clone-e5-immunoprecipitation-immunocytochemistry-immunohistochemistry-western-blot-elisa/151845>