

Rabbit anti-Mouse, Rat NEFM Polyclonal Antibody | anti-NEFM antibody

NEFM Polyclonal Antibody

CATALOG # AAA281467	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunofluorescence, Western Blot
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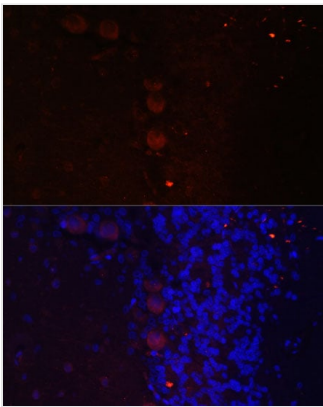
PRODUCT SYNONYMS

NEFM; Polyclonal Antibody; NEFM Polyclonal Antibody; NEF3; NF-M; NFM; neurofilament medium; anti-NEFM antibody

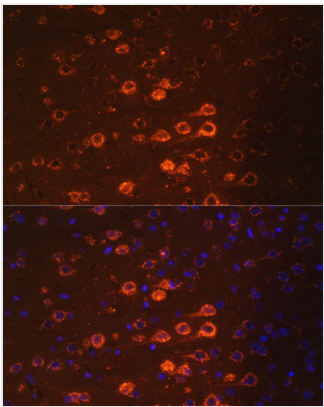
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Concentration	2.22 mg/ml (varies by lot)
Sequence Length	916
Applicable Applications for anti-NEFM antibody	IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 200-300 of human NEFM (NP_005373.2).
Immunogen Sequence	EEAIRALRKDIEEASLVKVELDKKVQSLQDEVAFLRSNHEEEVADLLAQIQASHITVERKDYLKTDISTALKEIRSQLESHSDQNMHQAEWFKCRYAKLT
Positive Samples	MCF7, Rat Brain
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

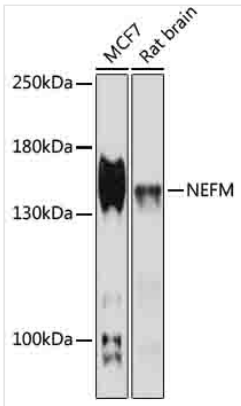
IMAGES



IF (Immunofluorescence)
Immunofluorescence-NEFM Polyclonal Antibody



IF (Immunofluorescence)
Immunofluorescence-NEFM Polyclonal Antibody



WB (Western Blot)
Western blot-NEFM Polyclonal Antibody

ADDITIONAL INFORMATION

Related Product Information for anti-NEFM antibody

Neurofilaments are type IV intermediate filament heteropolymers composed of light, medium, and heavy chains. Neurofilaments comprise the axoskeleton and functionally maintain neuronal caliber. They may also play a role in intracellular transport to axons and dendrites. This gene encodes the medium neurofilament protein. This protein is commonly used as a biomarker of neuronal damage. Alternative splicing results in multiple transcript variants encoding distinct isoforms.

NCBI AND UNIPROT INFORMATION

NCBI GI #	157738649
NCBI GeneID	4741
NCBI Accession #	NP_005373.2
NCBI GenBank Nucleotide #	NP_005373.2
UniProt Accession #	P07197
Molecular Weight	Calculated: 59kDa; 102kDa Observed: 140kDa
NCBI Official Full Name	neurofilament medium polypeptide isoform 1
NCBI Official Synonym Full Names	neurofilament medium
NCBI Official Symbol	NEFM

NCBI Official Synonym Symbols	NFM; NEF3; NF-M
NCBI Protein Information	neurofilament medium polypeptide
UniProt Protein Name	Neurofilament medium polypeptide
UniProt Gene Name	NEFM
UniProt Synonym Gene Names	NEF3; NFM; NF-M
UniProt Entry Name	NFM_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://www.aaabiotech.com/polyclonal/nefm-antibody-immunofluorescence-western-blot-elisa/281467>