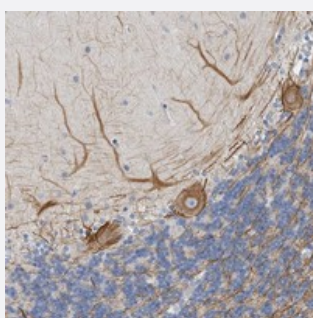


NEFM polyclonal antibody

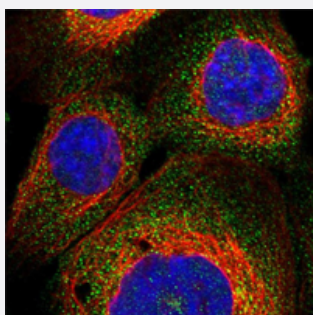
Catalog # PAB21539 Size 100 uL

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebellum with NEFM polyclonal antibody (Cat # PAB21539) shows moderate cytoplasmic positivity in Purkinje cells.



Immunofluorescence

Immunofluorescent staining of human cell line A-431 shows positivity in cytoplasm.

Using NEFM polyclonal antibody (Cat # PAB21539).

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant NEFM.
Immunogen	Recombinant protein corresponding to amino acids of human NEFM.
Sequence	YIEKVHYLEQQNKEIEAEIQALRQKQASHAQLGDAYDQEIRELRATLEMVNHEKAQVQLDSDHLEE DIHRLKERFEEEARLRDDTEAAIRALRKDIEEASLVKVELDKKVQSLQDEVAFLRSNH
Host	Rabbit
Reactivity	Human
Form	Liquid

Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of human cerebellum with NEFM polyclonal antibody (Cat # PAB21539) shows moderate cytoplasmic positivity in Purkinje cells.

- Immunofluorescence

Immunofluorescent staining of human cell line A-431 shows positivity in cytoplasm.
Using NEFM polyclonal antibody (Cat # PAB21539).

Gene Info — NEFM

Entrez GeneID	4741
Protein Accession#	P07197
Gene Name	NEFM
Gene Alias	NEF3, NF-M, NFM
Gene Description	neurofilament, medium polypeptide
Omim ID	162250
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]

Other Designations

neurofilament triplet M protein|neurofilament, medium polypeptide 150kDa|neurofilament-3 (150 kD medium)

Pathway

- [Amyotrophic lateral sclerosis \(ALS\)](#)

Disease

- [Acute Disease](#)
- [Genetic Predisposition to Disease](#)
- [Parkinson disease](#)
- [Psychiatric Status Rating Scales](#)
- [Schizophrenia](#)
- [Schizophrenic Psychology](#)