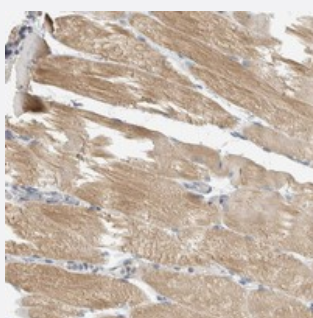


NEFM polyclonal antibody

Catalog # PAB21508 Size 100 uL

Applications



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

Immunohistochemical staining of human skeletal muscle with NEFM polyclonal antibody (Cat # PAB21508) shows moderate cytoplasmic positivity in myocytes.

Specification

Product Description	Rabbit polyclonal antibody raised against recombinant NEFM.
Immunogen	Recombinant protein corresponding to amino acids of human NEFM.
Sequence	KEEEEKEVKEAPKEEKVEKKEEKPKDVPEKKKAESPVKEEAVAEEVVTITKSVKVHLEKETKEEG KPLQQEKEKEKAGGEGGSEEEGSDKGAKG
Host	Rabbit
Reactivity	Human
Form	Liquid
Purification	Antigen affinity purification
Isotype	IgG
Recommend Usage	Immunohistochemistry (1:500-1:1000) 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 skeletal muscle with NEFM polyclonal antibody (Cat # PAB21508) shows moderate cytoplasmic positivity in myocytes.

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](#)