

Nefm polyclonal antibody

Catalog # PAB12103 Size 100 uL

Applications



Western Blot (Tissue lysate)

Western blot analysis of Nefm on whole rat cerebellum homogenate using Nefm polyclonal antibody (Cat # PAB12103), at dilution of 1 : 20,000.

Specification

| | |
|--------------------------------|---|
| Product Description | Rabbit polyclonal antibody raised against partial recombinant Nefm. |
| Immunogen | Recombinant protein corresponding to C-terminus of rat Nefm. |
| Host | Rabbit |
| Theoretical MW (kDa) | 145-170 |
| Reactivity | Bovine, Chicken, Horse, Human, Mouse, Pig, Rat |
| Specificity | Specifically recognizes the evolutionarily conserved extreme C-terminal region of the medium neurofilament subunit (~145-170 KDa). |
| Form | Liquid |
| Quality Control Testing | Antibody Reactive Against Recombinant Protein. |
| Recommend Usage | Immunofluorescence (1:500-1:1000) Western Blot (1:20000) Immunocytochemistry (1:5000) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) The optimal working dilution should be determined by the end user. |

Storage Buffer

In antiserum

Storage Instruction

Store at 4°C for short term. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Tissue lysate)

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

- Immunohistochemistry (Frozen sections)

- Immunocytochemistry

- Immunofluorescence

Gene Info — Nefm

Entrez GeneID[24588](#)**Protein Accession#**[P12839](#)**Gene Name**

Nefm

Gene Alias

Nef3, Nfm

Gene Description

neurofilament, medium polypeptide

Gene Ontology[Hyperlink](#)**Gene Summary**

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Other Designations

Neurofilament protein, middle polypeptide|neurofilament 3, medium

Publication Reference

- [Preferential transformation of human neuronal cells by human adenoviruses and the origin of HEK 293 cells.](#)

Shaw G, Morse S, Ararat M, Graham FL.

FASEB Journal 2002 Apr; 16(8):869.

- [The bHLH gene hes1 as a repressor of the neuronal commitment of CNS stem cells.](#)

Nakamura Y, Sakakibara S, Miyata T, Ogawa M, Shimazaki T, Weiss S, Kageyama R, Okano H.

Journal of Neuroscience 2000 Jan; 20(1):283.

Application: IHC-Fr, Mouse , Mouse brains

- [A molecular dissection of the carboxyterminal tails of the major neurofilament subunits NF-M and NF-H.](#)

Harris J, Ayyub C, Shaw G.

Journal of Neuroscience Research 1991 Sep; 30(1):47.