

NEFH polyclonal antibody

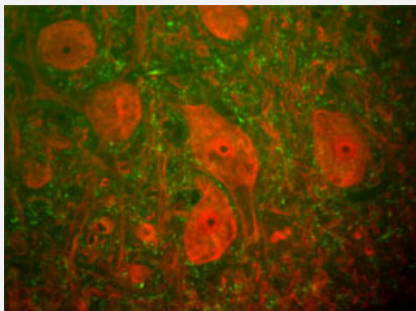
Catalog # PAB14170 Size 100 uL

Applications



Western Blot (Tissue lysate)

Strip blot of crude rat spinal extract stained with NEFH polyclonal antibody (Cat # PAB14170). A prominent band at an apparent SDS-PAGE molecular weight of 200 KDa corresponds to phosphorylated NF-H.



Immunofluorescence

A section of rat spinal cord stained with NEFH polyclonal antibody (Cat # PAB14170) (green) and ubiquitin C-terminal hydrolase 1 monoclonal antibody (UCHL1) clone MCA-BH7 (red).

The NEFH polyclonal antibody binds primarily to phosphorylated axonal forms of NEFH, and so stains axons coursing between the large UCHL1 positive neurons.

These large cells are a-motoneurons and UCHL1 protein is a major component of the perikarya and dendrites of these cells.

Specification

Product Description Rabbit polyclonal antibody raised against NEFH.

Immunogen Bovine NEFH.

Host Rabbit

Theoretical MW (kDa) 200-220

Reactivity Bovine

Form Liquid

Recommend Usage	Western Blot (1:10000) Immunofluorescence (1:1000) The optimal working dilution should be determined by the end user.
Storage Buffer	In serum (5 mM sodium azide)
Storage Instruction	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

- Western Blot (Tissue lysate)

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- Immunohistochemistry

- Immunofluorescence

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- Enzyme-linked Immunoabsorbent Assay

Publication Reference

- [Hyperphosphorylated neurofilament NF-H is a serum biomarker of axonal injury.](#)

Shaw G, Yang C, Ellis R, Anderson K, Parker Mickel J, Scheff S, Pike B, Anderson DK, Howland DR.

Biochemical and Biophysical Research Communications 2005 Nov; 336(4):1268.

Application: ELISA, IF, WB-Ti, Rat, Spinal cord, Neuron/glia cells, Serum