

## Neurofilament heavy polypeptide Rabbit mAb

Catalog No: #49386



Package Size: #49386-1 50ul #49386-2 100ul

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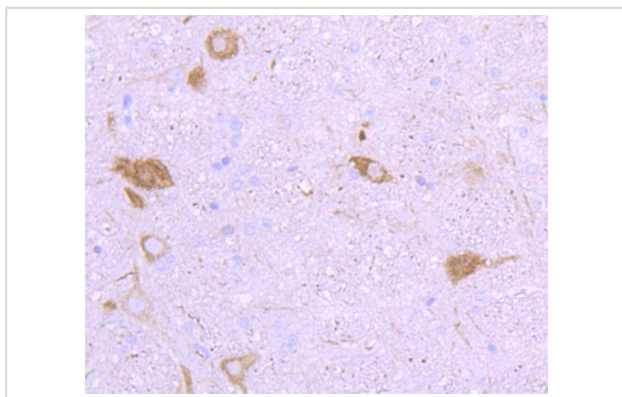
## Description

Product Name	Neurofilament heavy polypeptide Rabbit mAb
Clone No.	JF99-07
Purification	Affinity-chromatography
Applications	WB, IHC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	A synthesized peptide derived from human NEFH
Other Names	200 kDa neurofilament protein antibody CMT2CC antibody Nefn antibody Neurofilament heavy polypeptide 200kDa antibody Neurofilament heavy polypeptide antibody Neurofilament triplet H protein antibody NF H antibody NF-H antibody NFH antibody NFH_HUMAN antibody
Accession No.	Swiss-Prot#:P12036
Calculated MW	200 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

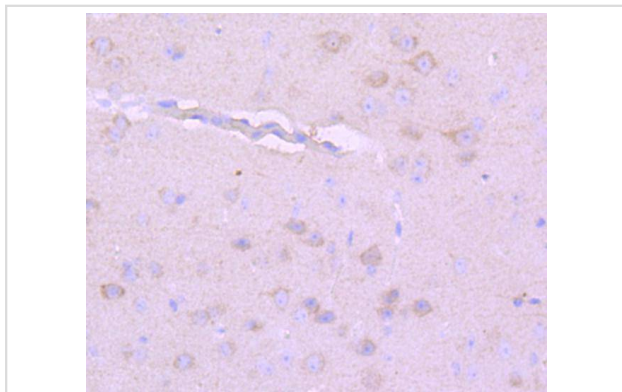
## Application Details

WB 1:500~1:2000 IHC 1:100~1:500

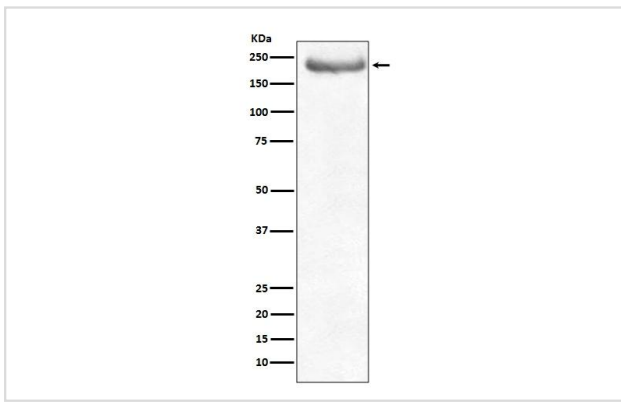
## Images



Immunohistochemical analysis of paraffin-embedded rat cerebellum tissue using anti-NEFH antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue using anti-NEFH antibody. Counter stained with hematoxylin.



Western blot analysis of NEFH expression in human brain lysate.

## Background

Neurofilaments usually contain three intermediate filament proteins: L, M, and H which are involved in the maintenance of neuronal caliber. NF-H has an important function in mature axons that is not subserved by the two smaller NF proteins.

## References

1. Slowik A et al. The sphingosine 1-phosphate receptor agonist FTY720 is neuroprotective after cuprizone-induced CNS demyelination. *Br J Pharmacol* 172:80-92 (2015).
2. Patra K et al. A role for solute carrier family 10 member 4, or vesicular aminergic-associated transporter, in structural remodelling and transmitter release at the mouse neuromuscular junction. *Eur J Neurosci* 41:316-27 (2015).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.