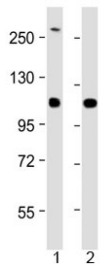
NF-H Antibody / Neurofilament (Heavy) / NEFH (Center Region) (F54187)

Catalog No.	Formulation	Size
F54187-0.2ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.2 ml
F54187-0.05ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.05 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P12036
Applications	WB: 1:1000-1:2000
Limitations	This NF-H antibody is available for research use only.



Western blot testing of 1) human SH-SY5Y and 2) mouse Neuro-2a cell lysate with NF-H antibody at 1:2000. Predicted molecular weight ~112 kDa, often visualized at ~200 kDa.

Description

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.

For additional research on NF-H expression, axonal structure and neurofilament biology, see our Neurofilament Heavy Chain Antibody / Axonal Cytoskeleton Marker page.

Application Notes

The stated application concentrations are suggested starting points. Titration of the NF-H antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 328-362 from human NEFH was used as the immunogen for the NF-H antibody.

Storage

Aliquot the NF-H antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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