

Product Datasheet

NF-H Antibody (NF-01) - BSA Free NB500-416

Unit Size: 0.1 mg

Store at 4C. Do not freeze.

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NB500-416

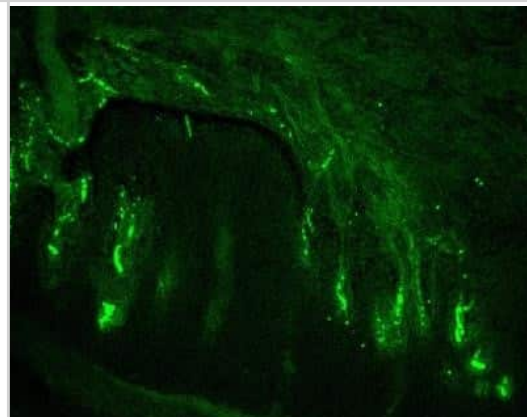
NF-H Antibody (NF-01) - BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Monoclonal
Clone	NF-01
Preservative	0.9% Sodium Azide
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.4)
Target Molecular Weight	210 kDa
Product Description	
Host	Mouse
Gene ID	4744
Gene Symbol	NEFH
Species	Human, Mouse, Rat, Bovine, Mammal
Marker	Neuronal Marker
Specificity/Sensitivity	The antibody NF-01 recognizes a phosphorylated epitope on heavy neurofilament protein (210 kDa) of various species. Antibodies to the various neurofilament subunits are very useful cell type markers since the proteins are among the most abundant of the nervous system, are expressed only in neurons and are biochemically very stable.
Immunogen	A pellet of pig brain cold-stable proteins after depolymerization of microtubules.
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, In vitro assay
Recommended Dilutions	Western Blot 1-2 ug/ml, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunohistochemistry-Paraffin 5-10 ug/ml, In vitro assay
Application Notes	Purity > 95% (by SDS-PAGE). Use in In vitro reported in scientific literature (PMID 25993115). NF-H antibody validated for IHC-P, ICC/IF from verified customer reviews.



Images

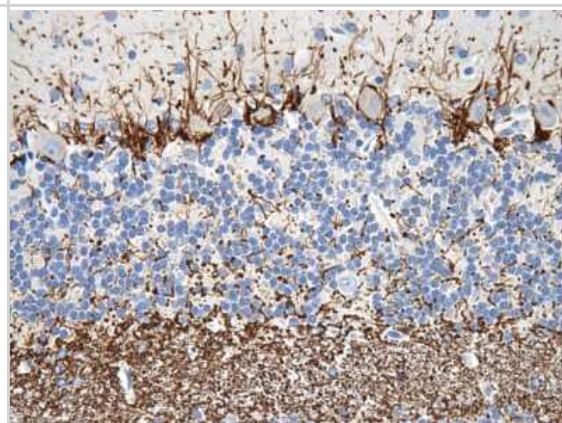
Immunocytochemistry/Immunofluorescence: NF-H Antibody (NF-01) [NB500-416] - Analysis using the Alexa Fluor (R) 488 conjugate of NB500-416. Ataining of NF-H in frozen monkey foot pad skin shows sensory fibers. Image submitted by a verified customer review.



Immunohistochemistry-Paraffin: NF-H Antibody (NF-01) [NB500-416] - Human cerebellum (paraffin-embedded sections) with anti-200kDa Neurofilament Heavy protein (NF-01).



Immunohistochemistry-Paraffin: NF-H Antibody (NF-01) [NB500-416] - NF200 in rat cerebellum. Image submitted by a verified customer review.



Publications

van der Kallen LR, Eggers R, Ehlert EM et al. Genetic Deletion of the Transcriptional Repressor NFIL3 Enhances Axon Growth In Vitro but Not Axonal Repair In Vivo. PLoS ONE. 2015-05-21 [PMID: 25993115] (In vitro, Mouse)



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Products Related to NB500-416

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
NB500-416AF488	NF-H Antibody (NF-01) [Alexa Fluor® 488]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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