

Product Datasheet

NF-H Antibody (NAP4) - BSA Free NB300-136

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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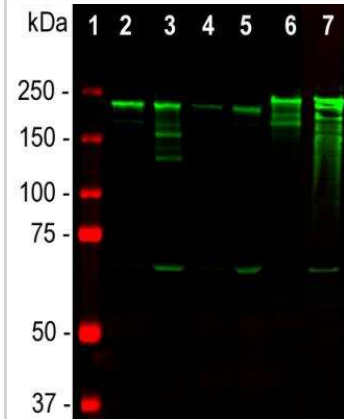
NB300-136

NF-H Antibody (NAP4) - BSA Free

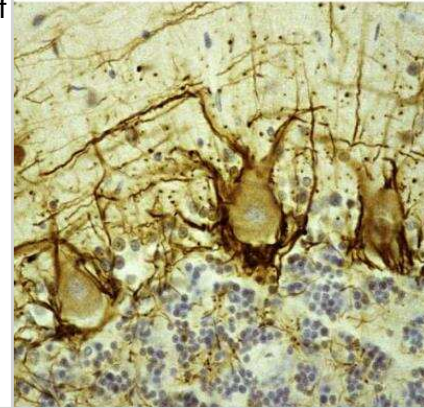
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	NAP4
Preservative	5mM Sodium Azide
Isotype	IgG1
Purity	Affinity purified
Buffer	50% PBS, 50% glycerol
Target Molecular Weight	200-220 kDa
Product Description	
Description	Novus Biologicals Mouse NF-H Antibody (NAP4) - BSA Free (NB300-136) is a monoclonal antibody validated for use in IHC, WB and ICC/IF. Anti-NF-H Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4744
Gene Symbol	NEFH
Species	Human, Mouse, Rat, Porcine, Bovine, Chicken, Equine
Marker	Neuronal Marker
Specificity/Sensitivity	Specifically recognizes the phosphorylated variant of NF-H subunit (~200-220 kDa), showing some weaker reactivity with phosphorylated forms of NF-M.
Immunogen	Native NF-H purified from bovine spinal cord
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:10000, Immunohistochemistry 1:1000, Immunocytochemistry/Immunofluorescence 1:1000, Immunohistochemistry-Paraffin 1:1000
Application Notes	This 200-220 kDa Neurofilament Heavy antibody can be used for ELISA, Immunohistochemistry on paraffin-embedded sections and Western blot.

Images

Western Blot: NF-H Antibody (NAP4) [NB300-136] - Analysis of tissue lysates using mouse mAb to NF-H, NB300-136, dilution 1:10,000 in green: [1] protein standard (red), [2] rat brain, [3] rat spinal cord, [4] mouse brain, [5] mouse spinal cord, [6] pig spinal cord, [7] cow spinal cord. Strong band at about 200-220 kDa corresponds to the major phosphorylated form of the NF-H subunit. A minor band at about 160 kDa is the non-phosphorylated NF-H. Smaller proteolytic fragments of NF-H are also detected in spinal cord preparations with NB300-136 antibody.



Immunohistochemistry: NF-H Antibody (NAP4) [NB300-136] - Analysis of human cerebellar cortex section stained with mouse mAb to pNF-H, NB300-136, in brown. Paraffin-embedded, formalin-fixed tissue sections were stained with this antibody using the avidin biotin conjugate method. The sections were counterstained with Hematoxylin in blue. NB300-136 stains prominent basket cell axons surrounding the large Purkinje neurons. Cerebellar granule cell layer is at the bottom of the image, the molecular layer at the top.



Publications

Jasmin, J-F, Malhotra, S, Singh Dhallu, M, Mercier, I, Rosenbaum, D M, Lisanti, M P. Caveolin-1 Deficiency Increases Cerebral Ischemic Injury, . 100, 721-729. 2007-01-01 [PMID: 17293479] (IHC-P, Rat)



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Products Related to NB300-136

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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