

Product Datasheet

NF-H Antibody (NF421 + NFL/736)

NBP2-45288-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-45288-0.1mg

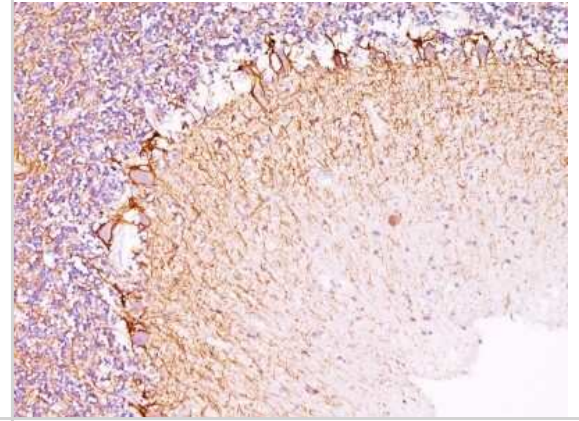
NF-H Antibody (NF421 + NFL/736)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	NF421 + NFL/736
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A or G purified
Buffer	10mM PBS and 0.05% BSA
Product Description	
Host	Mouse
Gene ID	4744
Gene Symbol	NEFH
Species	Human, Mouse, Rat, Porcine
Marker	Neuronal Marker
Specificity/Sensitivity	This MAb reacts with a 200kDa and 68kDa protein, identified as heavy and light sub-units of neurofilaments (NF-H & NF-L). Neurofilaments make up the main structural elements of axons and dendrites and are found in neurons, peripheral nerves, and sympathetic ganglion cells. Neurofilaments consist of three major subunits with molecular weights of 68kDa (NF-L), 160kDa (NF-M) and 200kDa (NF-H). Anti-neurofilament stains a number of neural, neuroendocrine, and endocrine tumors. Neuromas, ganglioneuromas, gangliogliomas, ganglioneuroblastomas, and neuroblastomas stain positively for anti-neurofilament. Neurofilaments are also present in paragangliomas as well as adrenal and extra-adrenal pheochromocytomas. Carcinoids, neuroendocrine carcinomas of the skin, and oat cell carcinomas of the lung also express neurofilament.
Immunogen	Recombinant human neurofilament protein
Product Application Details	
Applications	Flow Cytometry, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunofluorescence
Recommended Dilutions	Flow Cytometry 0.5 - 1 ug/million cells in 0.1 ml, Immunohistochemistry, Immunohistochemistry-Paraffin 0.25 - 0.5 ug/ml, Immunofluorescence 1:25 - 1:50
Application Notes	Hu-chromosome location: 22q12.2 (NEFH) & 8p21.2 (NEFL) Molecular weight of antigen: 200kDa & 68kDa Immunohistochemistry-Paraffin 0.25 - 0.5 ug/ml for 30 minutes at RT; Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10 - 20 min followed by cooling at RT for 20 minutes. The 7mL size is a pre-diluted size and no additional dilutions are required before using this item for the intended application.

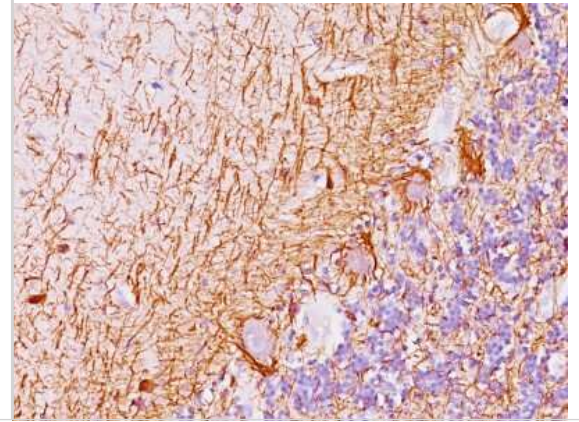


Images

Immunohistochemistry-Paraffin: NF-H Antibody (NF421 + NFL/736)
[NBP2-45288] - Human Cerebellum stained with Neurofilament
Monoclonal Antibody (NF421 + NFL/736).



Immunohistochemistry-Paraffin: NF-H Antibody (NF421 + NFL/736)
[NBP2-45288] - Human Cerebellum stained with Neurofilament
Monoclonal Antibody (NF421 + NFL/736).





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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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