

For Research Use Only

neuron navigator 1 Polyclonal antibody



Catalog Number: 20807-1-AP

Basic Information

Catalog Number: 20807-1-AP	GenBank Accession Number: BC007523	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 450 µg/ml by Nanodrop and 327 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 89796	Recommended Dilutions: IHC 1:20-1:200
Source: Rabbit	Full Name: neuron navigator 1	
Isotype: IgG	Calculated MW: 1877 aa, 202 kDa	
Immunogen Catalog Number: AG14747		

Applications

Tested Applications: IHC, ELISA	Positive Controls: IHC : human heart tissue, human placenta tissue, human skeletal muscle tissue
Species Specificity: human, mouse, rat	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Neuron navigator 1 (NAV1) gene encodes a large protein belongs to the Nav/unc-53 family and 7 isoforms of NAV1 are produced by alternative splicing. NAV1 is localized in cytoplasm and expressed at high levels in heart, skeletal muscle and placenta, and especially in neuronal growth cones. Besides its nucleotide binding activity, NAV1 interacts with tubulin and associates with a subset of microtubule plus end, therefore playing a role in neuronal migration.

Storage

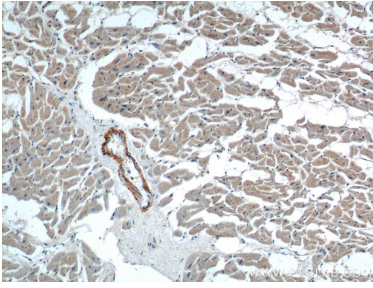
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

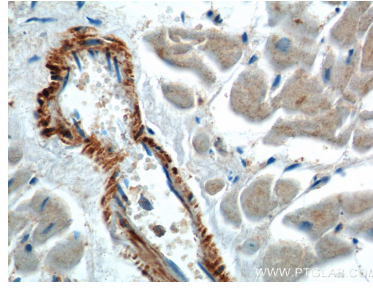
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 20807-1-AP (neuron navigator 1 antibody at dilution of 1:200) (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human heart tissue slide using 20807-1-AP (neuron navigator 1 antibody at dilution of 1:200) (under 40x lens).