

For Research Use Only

neurturin-Specific Polyclonal antibody



Catalog Number: 19709-1-AP

Basic Information

Catalog Number: 19709-1-AP	GenBank Accession Number: NM_004558	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 800 µg/ml by Nanodrop and 347 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 4902	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: neurturin	
Isotype: IgG	Calculated MW: 22 kDa	
	Observed MW: 22 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : human liver tissue, human heart tissue IHC : mouse brain tissue,
Species Specificity: human, mouse	

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

NRTN belongs to the TGF-beta family and GDNF subfamily. NRTN supports the survival of sympathetic neurons in culture. NRTN may regulate the development and maintenance of the CNS. It might control the size of non-neuronal cell population such as haemopoietic cells. Defects in NRTN are a cause of Hirschsprung disease (HSCR). The antibody is specific to NRTN.

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

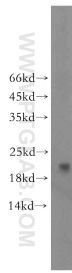
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

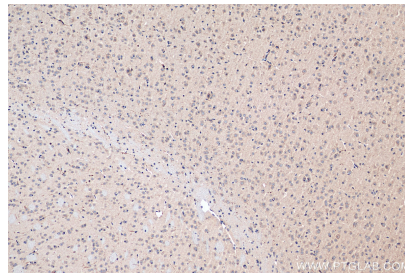
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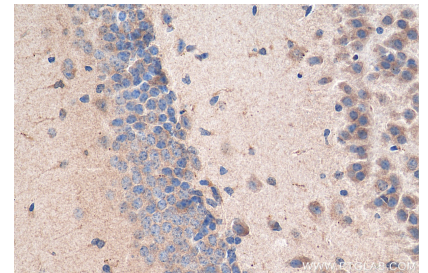
Selected Validation Data



human liver tissue were subjected to SDS PAGE followed by western blot with 19709-1-AP (neurturin-Specific antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19709-1-AP (neurturin-Specific antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 19709-1-AP (neurturin-Specific antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).