

For Research Use Only

NTM Polyclonal antibody

Catalog Number: 14373-1-AP

Featured Product



Basic Information

Catalog Number: 14373-1-AP	GenBank Accession Number: BC050716	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 µg/ml by Nanodrop and 193 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 50863	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: neurotrimin	
Isotype: IgG	Calculated MW: 38 kDa	
Immunogen Catalog Number: AG5746	Observed MW: 58 kDa, 65 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : SH-SY5Y cells, mouse brain tissue
Species Specificity: human, mouse	IHC : mouse brain tissue,

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

Neurotrimin (NTM) is a glycosylphosphatidylinositol (GPI)-anchored neural cell adhesion molecule. Neurotrimin together with the limbic system-associated protein (LAMP) and the opioid binding cell adhesion molecule (OBCAM) comprise the IgLON family of the immunoglobulin superfamily. Neurotrimin may be promoting neurite outgrowth and adhesion via a homophilic mechanism.

Storage

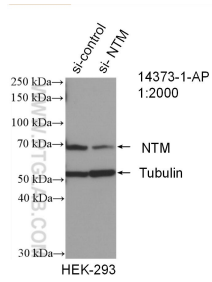
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

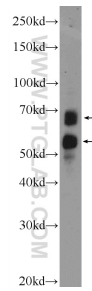
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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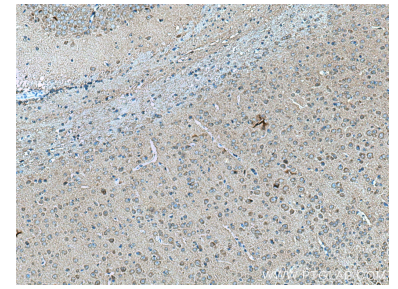
Selected Validation Data



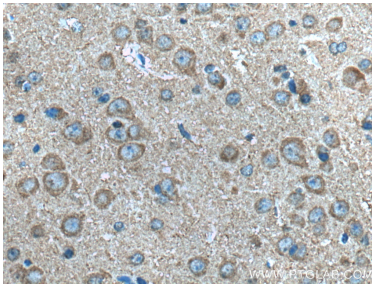
WB result of NTM antibody (14373-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NTM transfected SH-SY5Y cells.



SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 14373-1-AP (NTM Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 14373-1-AP (NTM 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 14373-1-AP (NTM antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).