

For Research Use Only

# NTM Polyclonal antibody

Catalog Number: 14373-1-AP

Featured Product



## Basic Information

Catalog Number:

14373-1-AP

Size:

350 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5746

GenBank Accession Number:

BC050716

GeneID (NCBI):

50863

UNIPROT ID:

Q9P121

Full Name:

neurotrimin

Calculated MW:

38 kDa

Observed MW:

58 kDa, 65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

Tested Applications:

IHC, WB, ELISA

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**

Positive Controls:

WB : SH-SY5Y cells, mouse brain tissue

IHC : mouse brain tissue,

## 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

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

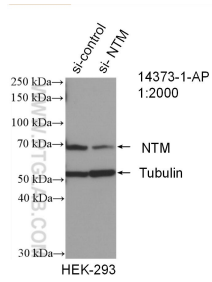
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

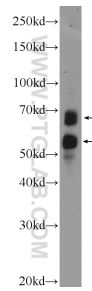
W: [ptgcn.com](http://ptgcn.com)

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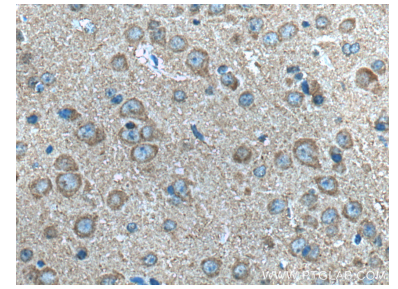
## Selected Validation Data



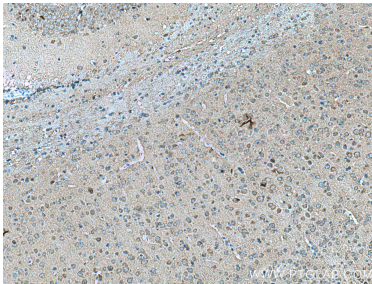
WB result of NTM antibody (14373-1-AP; 1:2000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NTM transfected SH-SY5Y cells.



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 40x 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 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).