

For Research Use Only

# Neurturin Polyclonal antibody

Catalog Number: 19709-1-AP



## Basic Information

### Catalog Number:

19709-1-AP

### Size:

150ul , Concentration: 800 ug/ml by Nanodrop and 347 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### GenBank Accession Number:

NM\_004558

### GeneID (NCBI):

4902

### UNIPROT ID:

Q99748

### Full Name:

neurturin

### Calculated MW:

22 kDa

### Observed MW:

22 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, 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 : human liver tissue, human heart tissue

IHC : mouse brain tissue,

## 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

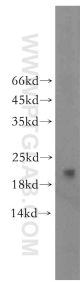
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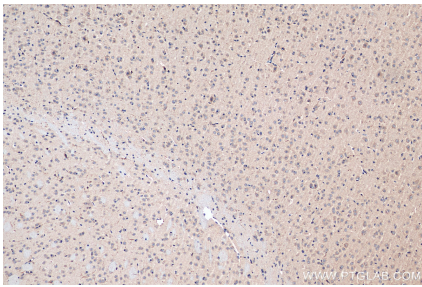
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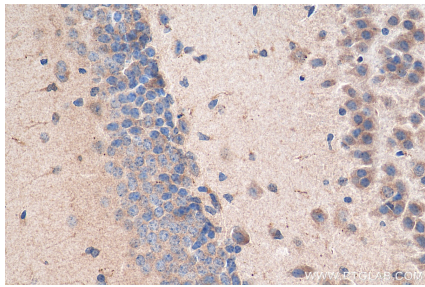
Selected Validation Data



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).