

For Research Use Only

# neuromedin B Polyclonal antibody

Catalog Number: 10888-1-AP

3 Publications



## Basic Information

### Catalog Number:

10888-1-AP

### Size:

150ul, Concentration: 300 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0842

### GenBank Accession Number:

BC007407

### GeneID (NCBI):

4828

### UNIPROT ID:

P08949

### Full Name:

neuromedin B

### Calculated MW:

16 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

IHC 1:50-1:500

## Applications

### Tested Applications:

IHC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human, mouse

### Cited Species:

human, monkey, chimpanzee

**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:

IHC : mouse brain tissue, human brain tissue, human breast cancer tissue, human skin tissue, human stomach tissue

## Background Information

Neuromedin B (NMB) is a bombesin-like peptide, which inhibits food intake and modulates stress-related behaviour. It exerts its function via NMB receptor (NMB-R). NMB is encoded in a 76-amino acid precursor. The mature NMB was reported to be a 10-amino-acid peptide, giving two bands of 1.2 kDa and 1.5 kDa in western blotting. NMB is expressed in brain, gastrointestinal tract, pancreas, adrenals, and adipose tissue. It regulates exocrine and endocrine secretions, cell growth, body temperature and blood pressure and glucose level in vivo.

## Notable Publications

Author	Pubmed ID	Journal	Application
Stimpson Cheryl D CD	21140465	Am J Hum Biol	WB
Park Hyun-Joo HJ	21908103	Cancer Lett	IHC
Allman John M JM	20512377	Brain Struct Funct	IHC

## 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

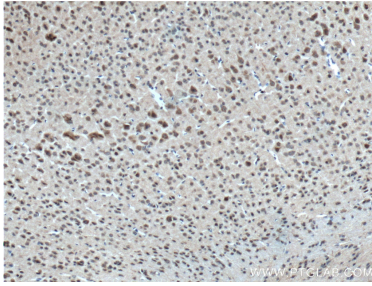
For technical support and original validation data for this product please contact:

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

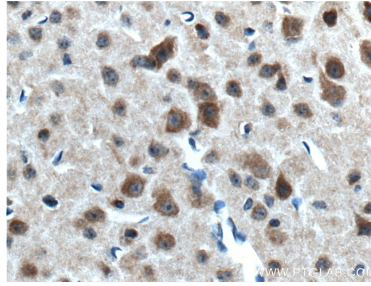
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 10888-1-AP (neuromedin B 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 10888-1-AP (neuromedin B antibody at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).