

For Research Use Only

# NLN Polyclonal antibody

Catalog Number: 17306-1-AP

Featured Product



## Basic Information

### Catalog Number:

17306-1-AP

### Size:

150ul, Concentration: 700 µg/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG11193

### GenBank Accession Number:

BC004985

### GeneID (NCBI):

57486

### UNIPROT ID:

Q9BYT8

### Full Name:

neurolysin (metallopeptidase M3 family)

### Calculated MW:

607 aa, 70 kDa

### Observed MW:

70-80 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB: 1:1000-1:6000

## Applications

### Tested Applications:

WB, ELISA

### Species Specificity:

human, mouse, rat

### Positive Controls:

WB : SH-SY5Y cells, mouse heart tissue, rat heart tissue

## Background Information

NLN (Neurolysin, mitochondrial) is also named as AGTBP, KIAA1226 and belongs to the peptidase M3 family. It is an enzyme involved in the metabolic inactivation of bioactive peptides and functions as a monomer of molecular mass 78 kDa. It also can be detected the molecular weight between 70 kDa and 85 kDa according to the reports (PMID:10095765, 11092934). The full length protein has a transit peptide with 37 amino acids.

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

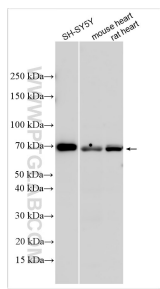
For technical support and original validation data for this product please contact:

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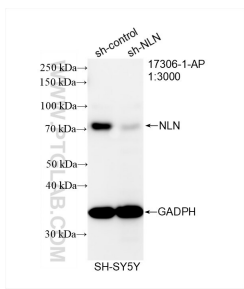
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 17306-1-AP (NLN antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



WB result of NLN antibody (17306-1-AP; 1:3000; incubated at room temperature for 1.5 hours) with sh-Control and sh-NLN transfected SH-SY5Y cells.