

For Research Use Only

# NLN Polyclonal antibody

Catalog Number: 14763-1-AP



## Basic Information

**Catalog Number:**

14763-1-AP

**Size:**

150ul, Concentration: 133 ug/ml by Bradford method using BSA as the standard;

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG6524

**GenBank Accession Number:**

BC001644

**GeneID (NCBI):**

57486

**UNIPROT ID:**

Q9BYT8

**Full Name:**

neurolysin (metallopeptidase M3 family)

**Calculated MW:**

81 kDa

**Observed MW:**

75 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:200-1:1000

IHC 1:50-1:500

## Applications

**Tested Applications:**

WB, IHC, ELISA

**Species Specificity:**

human, mouse, rat

**Positive Controls:**

WB : mouse ovary tissue, HepG2 cells

IHC : mouse testis 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

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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

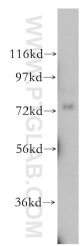
For technical support and original validation data for this product please contact:

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

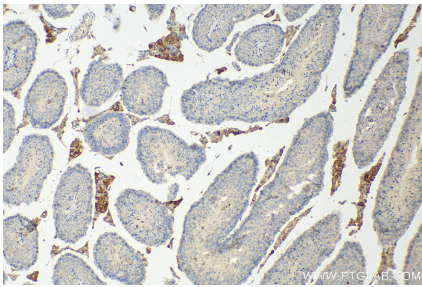
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

Selected Validation Data



mouse ovary tissue were subjected to SDS PAGE followed by western blot with 14763-1-AP (NLN antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 14763-1-AP (NLN antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).