

For Research Use Only

NLN Polyclonal ANTIBODY

Catalog Number: 14763-1-AP



Basic Information

Catalog Number:

14763-1-AP

Size:

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

Source:

Rabbit

IsoType:

IgG

Immunogen Catalog Number:

AG6524

GenBank Accession Number:

BC001644

GeneID (NCBI):

57486

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 1:20-1:200

Applications

Tested Applications:

IHC, WB, ELISA

Species Specificity:

human, mouse, rat

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: mouse ovary tissue, HepG2 cells

IHC: human ovary tumor 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 pH 7.3.

Aliquoting is unnecessary for -20°C storage

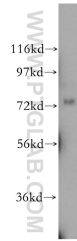
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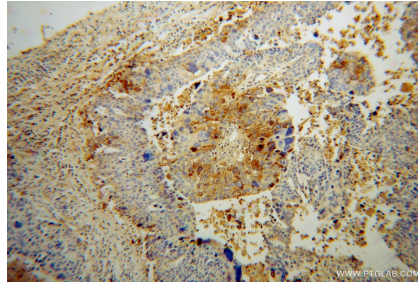
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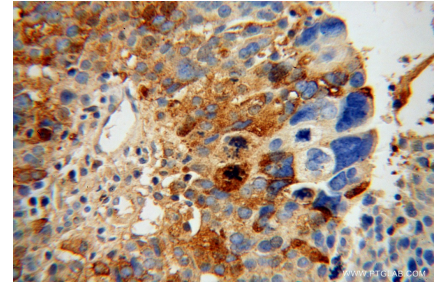
Selected Validation Data



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 human ovary tumor using 14763-1-AP (NLN antibody) at dilution of 1:50 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human ovary tumor using 14763-1-AP (NLN antibody) at dilution of 1:50 (under 40x lens).