For Research Use Only

NLN Polyclonal antibody
Catalog Number: 14763-1-AP

Basic Information
Catalog Number: 14763-1-AP
Size: 150μl, Concentration: 133 μg/ml by Bradford method using BSA as the standard;
Source: Rabbit
Isotype: IgG
Immunogen Catalog Number: AG6524
GenBank Accession Number: BC001664
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 1:50-1:1000

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: mouse testis 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

*** 20μl sizes contain 0.1% BSA

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