

For Research Use Only

NLN Polyclonal antibody

Catalog Number: 14763-1-AP



Basic Information

Catalog Number: 14763-1-AP	GenBank Accession Number: BC001644	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 133 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 57486	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q9BYT8	
Isotype: IgG	Full Name: neurolysin (metallopeptidase M3 family)	
Immunogen Catalog Number: AG6524	Calculated MW: 81 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : mouse ovary tissue, HepG2 cells IHC : mouse testis tissue,
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	

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

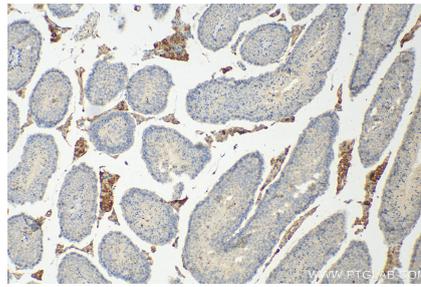
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Selected Validation Data



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).