

For Research Use Only

VAMP5 Polyclonal antibody

Catalog Number: 11822-1-AP

2 Publications



Basic Information

Catalog Number: 11822-1-AP	GenBank Accession Number: BC017891	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 ug/ml by Nanodrop;	GeneID (NCBI): 10791	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: O95183	
Isotype: IgG	Full Name: vesicle-associated membrane protein 5 (myobrevin)	
Immunogen Catalog Number: AG2390	Calculated MW: 12.8 kDa	
	Observed MW: 13-15 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Cited Applications: WB, IHC	WB : human lung tissue, mouse kidney tissue, Human peripheral blood leukocyte cells
Species Specificity: human, mouse, rat	IHC : human lung cancer tissue,
Cited Species: human	
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

VAMP5, also known as myobrevin, is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family and the SNARE superfamily. Characterized by a common sequence called the SNARE motif, SNARE proteins are involved in membrane fusion and vesicular transport (PMID: 11252968). VAMP5 may participate in trafficking events that are associated with myogenesis, such as myoblast fusion and/or GLUT4 trafficking.

Notable Publications

Author	Pubmed ID	Journal	Application
Xiang-Xu Wang	35493457	Front Immunol	WB,IHC
Luxin Yin	38115820	Front Mol Neurosci	WB

Storage

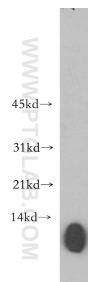
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

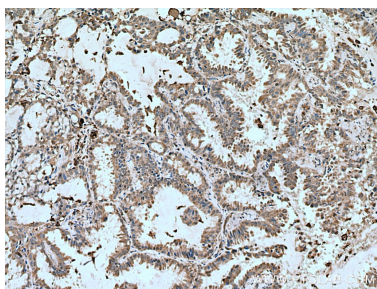
For technical support and original validation data for this product please contact:
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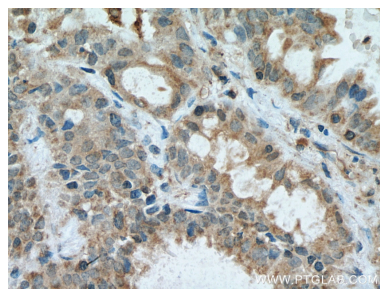
Selected Validation Data



human lung tissue were subjected to SDS PAGE followed by western blot with 11822-1-AP (VAMP5 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11822-1-AP (VAMP5 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human lung cancer tissue slide using 11822-1-AP (VAMP5 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).