

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 µg/ml by Nanodrop and 293 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10791	Recommended Dilutions: WB 1:200-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: vesicle-associated membrane protein 5 (myobrevin)	
Isotype: IgG	Calculated MW: 12.8 kDa	
Immunogen Catalog Number: AG2390	Observed MW: 13-15 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: IHC, WB	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

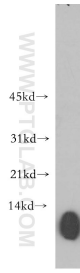
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

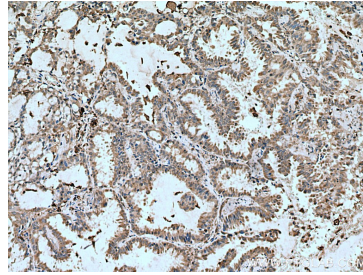
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

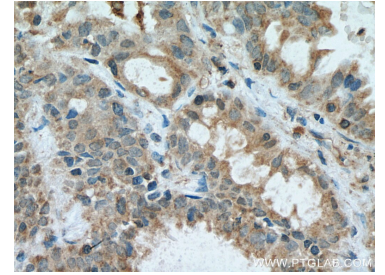
Selected Validation Data



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).