

VAMP5 Polyclonal antibody

Catalog Number: 11822-1-AP

2 Publications

Basic Information

Catalog Number:

11822-1-AP

Size:

500 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG2390

GenBank Accession Number:

BC017891

GeneID (NCBI):

10791

UNIPROT ID:

O95183

Full Name:

vesicle-associated membrane protein
5 (myobrevin)

Calculated MW:

12.8 kDa

Observed MW:

13-15 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse, rat

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**

Positive Controls:

WB : human lung tissue, mouse kidney tissue, Human
peripheral blood leukocyte cells

IHC : human lung cancer tissue,

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

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

T: 4006900926

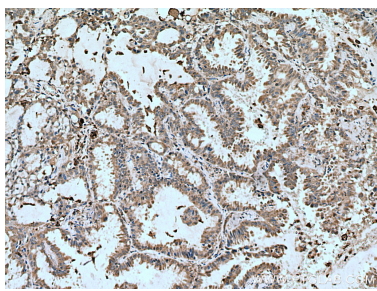
E: Proteintech-CN@ptglab.comW: ptgcn.com

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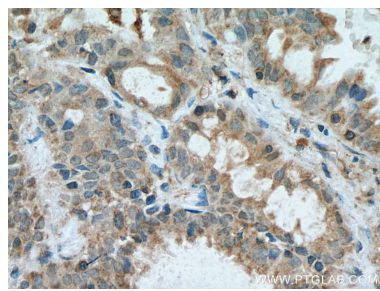
Selected Validation Data



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).