

VAMP5 Polyclonal Antibody

Catalog number: 11822-1-AP

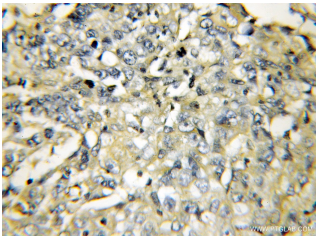
Size: 44 µg/150 µl

Source: Rabbit

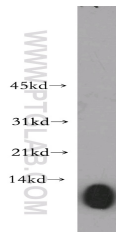
Isotype: IgG

Synonyms:

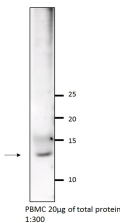
VAMP5; Myobrevin, VAMP 5,
VAMP5



Immunohistochemical of paraffin-embedded human lung cancer using 11822-1-AP(VAMP5 antibody) at dilution of 1:50 (under 10x lens)



human lung tissue were subjected to SDS PAGE followed by western blot with 11822-1-AP(VAMP5 antibody) at dilution of 1:400



WB result of VAMP5 antibody (11822-1-AP, 1:300) with PBMC cells.
Proteintech αVAMP5 in 10% BSA / TBS 0.05% Tween-20 O/N @ 4°C Goat anti-rabbit HRP 1:10000 in 5% milk / TBS 0.05% Tween-20 1h @ RT.

Background

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.

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated VAMP5 MW:	12.8 kDa
Observed VAMP5 MW:	13-15kd
Positive WB detected in	Human lung tissue, mouse kidney tissue, PBMC cells
Positive IHC detected in	Human lung cancer tissue
Recommended dilution:	WB: 1:500-1:5000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag2390
GenBank accession number:	BC017891
Gene ID (NCBI):	10791
Full name:	Vesicle-associated membrane protein 5 (myobrevin)

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.