

For Research Use Only

VAMP3/Cellubrevin Monoclonal antibody

Catalog Number: 66488-1-Ig 1 Publications



Basic Information

Catalog Number: 66488-1-Ig	GenBank Accession Number: BC005941	Purification Method: Protein A purification
Size: 1800 ug/ml	GeneID (NCBI): 9341	CloneNo.: 1D10D10
Source: Mouse	UNIPROT ID: Q15836	Recommended Dilutions: WB 1:5000-1:20000 IF/ICC 1:900-1:3600
Isotype: IgG2b	Full Name: vesicle-associated membrane protein 3 (cellubrevin)	
Immunogen Catalog Number: AG1156	Calculated MW: 11 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB	WB : pig brain tissue, HEK-293 cells, rat brain tissue, mouse brain tissue
Species Specificity: human, mouse, rat, pig	IF/ICC : Neuro-2a cells,
Cited Species: human	

Background Information

VAMP3, also named cellubrevin or synaptobrevin 3, is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. VAMP3 is a v-SNARE (soluble NSF-attachment protein receptor). Characterized by a common sequence called the SNARE motif, SNARE proteins are involved in membrane fusion and vesicular transport (PMID: 11252968). VAMP3 resides in recycling endosomes and endosome-derived transport vesicles, involved in regulating membrane traffic. It is implicated in recycling of transferrin receptors, secretion of alpha-granules in platelets, and membrane trafficking during cell migration.

Notable Publications

Author	Pubmed ID	Journal	Application
Chuan-Yi Hu	33722248	J Exp Clin Cancer Res	WB

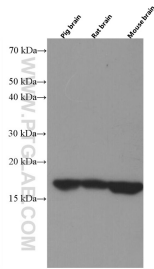
Storage

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

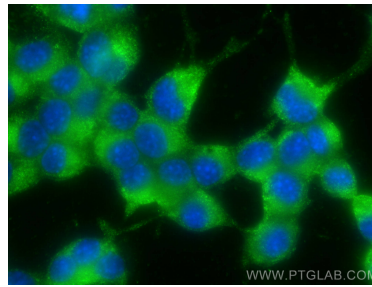
For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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Selected Validation Data



Pig brain, rat brain and mouse brain tissues were subjected to SDS PAGE followed by western blot with 66488-1-Ig (VAMP3/Cellubrevin antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed Neuro-2a cells using VAMP3/Cellubrevin antibody (66488-1-Ig, Clone: 1D10D10) at dilution of 1:1800 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).