

For Research Use Only

VAMP3/Cellubrevin Monoclonal antibody, PBS Only

Catalog Number: 66488-1-PBS



Basic Information

Catalog Number: 66488-1-PBS	GenBank Accession Number: BC005941	Purification Method: Protein A purification
Size: 100ug , Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 9341	CloneNo.: 1D10D10
Source: Mouse	UNIPROT ID: Q15836	
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, Indirect ELISA

Species Specificity:
human, mouse, rat, pig

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.

Storage

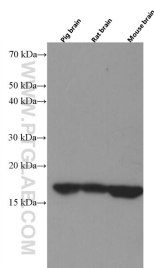
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

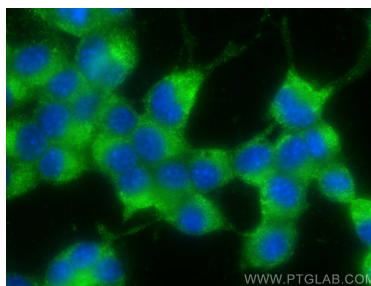
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 66488-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 66488-1-PBS in a different storage buffer formulation.