

For Research Use Only

# VAMP4 Monoclonal antibody, PBS Only



Catalog Number: 67219-1-PBS

## Basic Information

<b>Catalog Number:</b> 67219-1-PBS	<b>GenBank Accession Number:</b> BC007019	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , Concentration: 1 mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8674	<b>CloneNo.:</b> 3A6F2
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> O75379	
<b>Isotype:</b> IgG2a	<b>Full Name:</b> vesicle-associated membrane protein 4	
<b>Immunogen Catalog Number:</b> AG27854	<b>Calculated MW:</b> 16 kDa	
	<b>Observed MW:</b> 18 kDa	

## Applications

**Tested Applications:**  
WB, IF, IHC, Indirect ELISA

**Species Specificity:**  
Human, Pig, Rat, Mouse

## Background Information

VAMP4 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). VAMP4 may play a role in trans-Golgi network to endosome transport.

## Storage

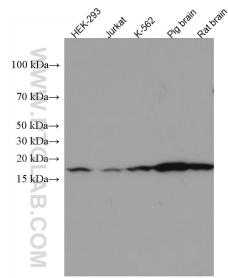
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

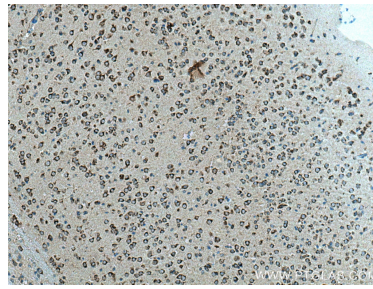
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

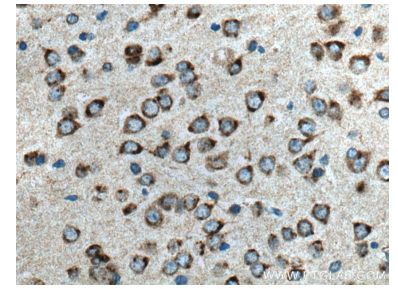
## Selected Validation Data



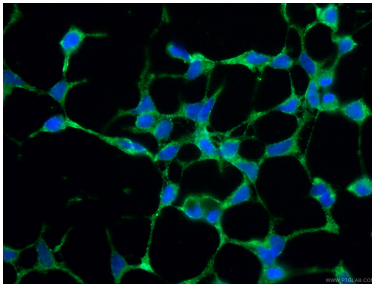
Various lysates were subjected to SDS PAGE followed by western blot with 67219-1-Ig (VAMP4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 67219-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67219-1-Ig (VAMP4 antibody) at dilution of 1:300 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67219-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 67219-1-Ig (VAMP4 antibody) at dilution of 1:300 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 67219-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HEK-293 cells using 67219-1-Ig (VAMP4 antibody), at dilution of 1:300 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 67219-1-PBS in a different storage buffer formulation.