

VAMP3 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14660c**Specification**

VAMP3 Antibody (Center) - Product Information

Application	IHC-P, WB,E
Primary Accession	Q15836
Other Accession	P63025 , P63024 , Q4R8T0 , Q2KJD2 , P63045 , P63044 , P63027 , P63026 , Q63666 , Q62442 , P23763 , Q0V7N0 , NP_004772.1
Reactivity	Human, Mouse, Zebrafish
Predicted	Bovine, Rat, Monkey
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	11309
Antigen Region	15-43

VAMP3 Antibody (Center) - Additional Information**Gene ID** 9341**Other Names**

Vesicle-associated membrane protein 3, VAMP-3, Cellubrevin, CEB, Synaptobrevin-3, VAMP3, SYB3

Target/Specificity

This VAMP3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 15-43 amino acids from the Central region of human VAMP3.

Dilution

IHC-P~~1:10~50

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

VAMP3 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

VAMP3 Antibody (Center) - Protein Information

Name VAMP3

Synonyms SYB3

Function SNARE involved in vesicular transport from the late endosomes to the trans-Golgi network.

Cellular Location

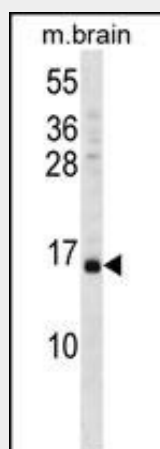
Early endosome membrane; Single-pass type IV membrane protein. Recycling endosome membrane; Single-pass type IV membrane protein. Synapse, synaptosome

VAMP3 Antibody (Center) - Protocols

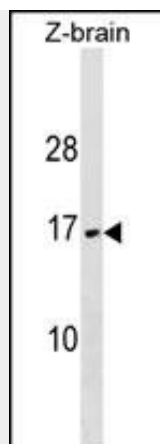
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

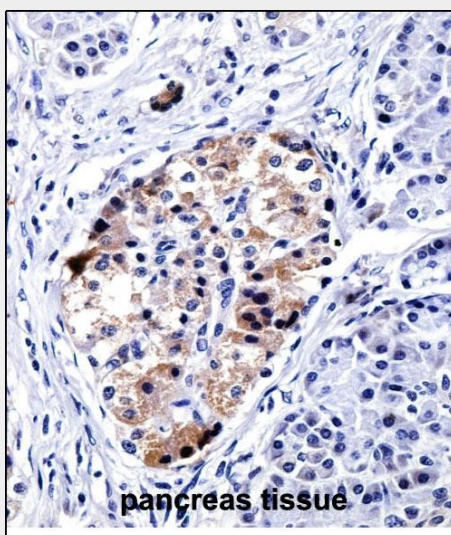
VAMP3 Antibody (Center) - Images



VAMP3 Antibody (Center) (Cat. #AP14660c) western blot analysis in mouse brain tissue lysates (35ug/lane). This demonstrates the VAMP3 antibody detected the VAMP3 protein (arrow).



VAMP3 Antibody (Center) (Cat. #AP14660c) western blot analysis in zebra fish brain tissue lysates (35ug/lane). This demonstrates the VAMP3 antibody detected the VAMP3 protein (arrow).



VAMP3 Antibody (Center) (AP14660c) immunohistochemistry analysis in formalin fixed and paraffin embedded human pancreas tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of VAMP3 Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.

VAMP3 Antibody (Center) - Background

Synaptobrevins/VAMPs, syntaxins, and the 25-kD synaptosomal-associated protein are the main components of a protein complex involved in the docking and/or fusion of synaptic vesicles with the presynaptic membrane. This gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family. Because of its high homology to other known VAMPs, its broad tissue distribution, and its subcellular localization, the protein encoded by this gene was shown to be the human equivalent of the rodent cellubrevin. In platelets the protein resides on a compartment that is not mobilized to the plasma membrane on calcium or thrombin stimulation.

VAMP3 Antibody (Center) - References

Ban, H.J., et al. BMC Genet. 11, 26 (2010) :

Fader, C.M., et al. Biochim. Biophys. Acta 1793(12):1901-1916(2009)
Kean, M.J., et al. J. Cell. Sci. 122 (PT 22), 4089-4098 (2009) :
Vassilopoulos, S., et al. Science 324(5931):1192-1196(2009)
Luftman, K., et al. Biochem. Biophys. Res. Commun. 380(1):65-70(2009)