

**VAMP3 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP14660c****Specification**

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**VAMP3 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q15836](#)

**VAMP3 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 9341

**Other Names**

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

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**VAMP3 Antibody (Center) Blocking Peptide - 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 I membrane protein. Synapse, synaptosome

**VAMP3 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**VAMP3 Antibody (Center) Blocking Peptide - Images****VAMP3 Antibody (Center) Blocking Peptide - 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) Blocking Peptide - 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)