

**VAMP5 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP5086a****Specification**

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**VAMP5 Antibody (N-term) Blocking Peptide - Product Information**Primary Accession [O95183](#)**VAMP5 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 10791**Other Names**

Vesicle-associated membrane protein 5, VAMP-5, Myobrevin, VAMP5

**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.

**VAMP5 Antibody (N-term) Blocking Peptide - Protein Information****Name** VAMP5**Function**

May participate in trafficking events that are associated with myogenesis, such as myoblast fusion and/or GLUT4 trafficking.

**Cellular Location**

Cell membrane; Single-pass type IV membrane protein. Endomembrane system; Single-pass type IV membrane protein. Golgi apparatus, trans-Golgi network membrane; Single-pass type IV membrane protein. Note=Associated with the plasma membrane as well as intracellular perinuclear and peripheral vesicular structures of myotubes. Associated with the trans-Golgi, but not with the cis-Golgi apparatus (By similarity).

**VAMP5 Antibody (N-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**VAMP5 Antibody (N-term) Blocking Peptide - Images**

**VAMP5 Antibody (N-term) 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 vesicles and cell membranes. The VAMP5 gene is a member of the vesicle-associated membrane protein (VAMP)/synaptobrevin family and the SNARE superfamily. This VAMP family member may participate in vesicle trafficking events that are associated with myogenesis.

**VAMP5 Antibody (N-term) Blocking Peptide - References**

Brinkman, J.F., et al. Mol. Vis. 11, 582-586 (2005) Zeng, Q., et al. J. Biol. Chem. 278(25):23046-23054(2003)