

**YKT6 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP6685b****Specification**

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**YKT6 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [O15498](#)**YKT6 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 10652**Other Names**

Synaptobrevin homolog YKT6, 231-, YKT6

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP6685b](/products/AP6685b) was selected from the C-term region of human YKT6. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**YKT6 Antibody (C-term) Blocking Peptide - Protein Information****Name** YKT6**Function**

Vesicular soluble NSF attachment protein receptor (v-SNARE) mediating vesicle docking and fusion to a specific acceptor cellular compartment. Functions in endoplasmic reticulum to Golgi transport; as part of a SNARE complex composed of GOSR1, GOSR2 and STX5. Functions in early/recycling endosome to TGN transport; as part of a SNARE complex composed of BET1L, GOSR1 and STX5. Has a S-palmitoyl transferase activity.

**Cellular Location**

Cytoplasm, cytosol. Cytoplasmic vesicle membrane; Lipid-anchor; Cytoplasmic side. Golgi apparatus membrane; Lipid-anchor; Cytoplasmic side. Note=Probably cycles through vesicles between Golgi and endosomes

## **YKT6 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **YKT6 Antibody (C-term) Blocking Peptide - Images**

## **YKT6 Antibody (C-term) Blocking Peptide - Background**

YKT6 is one of the SNARE recognition molecules implicated in vesicular transport between secretory compartments. It is a membrane associated, isoprenylated protein that functions at the endoplasmic reticulum-Golgi transport step. This protein is highly conserved from yeast to human and can functionally complement the loss of the yeast homolog in the yeast secretory pathway.

## **YKT6 Antibody (C-term) Blocking Peptide - References**

Veit,M., Biochem. J. 384 (PT 2), 233-237 (2004)