

**SNX33 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17608b****Specification**

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**SNX33 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [Q8WV41](#)**SNX33 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 257364**Other Names**

Sorting nexin-33, SH3 and PX domain-containing protein 3, SNX33, SH3PX3, SH3PXD3C, SNX30

**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.

**SNX33 Antibody (C-term) Blocking Peptide - Protein Information****Name** SNX33**Synonyms** SH3PX3, SH3PXD3C, SNX30**Function**

Plays a role in the reorganization of the cytoskeleton, endocytosis and cellular vesicle trafficking via its interactions with membranes, WASL, DNM1 and DNM2. Acts both during interphase and at the end of mitotic cell divisions. Required for efficient progress through mitosis and cytokinesis. Required for normal formation of the cleavage furrow at the end of mitosis. Modulates endocytosis of cell-surface proteins, such as APP and PRNP; this then modulates the secretion of APP and PRNP peptides. Promotes membrane tubulation (in vitro). May promote the formation of macropinosomes.

**Cellular Location**

Cytoplasm, cytosol. Membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Note=Primarily cytosolic, but a minor proportion is membrane-bound (PubMed:18353773). Not associated with membranes (PubMed:21048941).

**Tissue Location**

Detected in heart and pancreas.

### **SNX33 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

### **SNX33 Antibody (C-term) Blocking Peptide - Images**

### **SNX33 Antibody (C-term) Blocking Peptide - Background**

SNX33 belongs to the sorting nexin family. It contains a PX (phox homology) domain and an SH3 domain. It interacts with ADAM15.

### **SNX33 Antibody (C-term) Blocking Peptide - References**

Kleino, I., et al. J. Cell. Biochem. 108(4):877-885(2009)Zhang, J., et al. J. Biol. Chem. 284(32):21659-21669(2009)Voss, M., et al. BMC Immunol. 10, 53 (2009) :Heiseke, A., et al. Traffic 9(7):1116-1129(2008)Schobel, S., et al. J. Biol. Chem. 283(21):14257-14268(2008)