

**SNX21 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP17607c****Specification**

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**SNX21 Antibody (Center) Blocking Peptide - Product Information**Primary Accession [Q969T3](#)**SNX21 Antibody (Center) Blocking Peptide - Additional Information****Gene ID** 90203**Other Names**

Sorting nexin-21, Sorting nexin L, SNX-L, SNX21, C20orf161, SNXL

**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.

**SNX21 Antibody (Center) Blocking Peptide - Protein Information****Name** SNX21**Synonyms** C20orf161, SNXL**Function**

Binds to membranes enriched in phosphatidylinositol 3- phosphate (PtdIns(P3)) and phosphatidylinositol 4,5-bisphosphate. May be involved in several stages of intracellular trafficking.

**Cellular Location**

Cytoplasmic vesicle membrane {ECO:0000250|UniProtKB:Q3UR97}; Peripheral membrane protein; Cytoplasmic side. Early endosome membrane {ECO:0000250|UniProtKB:Q3UR97}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q3UR97}; Cytoplasmic side {ECO:0000250|UniProtKB:Q3UR97}

**Tissue Location**

Highly expressed in fetus liver, but only weakly expressed in brain, skeleton muscle, smooth muscle, and cardiac muscle, kidney, and adrenal gland.

## **SNX21 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **SNX21 Antibody (Center) Blocking Peptide - Images**

## **SNX21 Antibody (Center) Blocking Peptide - Background**

This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. This protein does not contain a coiled coil region, like some family members. The specific function of this protein has not been determined. Multiple transcript variants encoding distinct isoforms have been identified for this gene.

## **SNX21 Antibody (Center) Blocking Peptide - References**

Zeng, W., et al. Biochem. Biophys. Res. Commun. 299(4):542-548(2002) Worby, C.A., et al. Nat. Rev. Mol. Cell Biol. 3(12):919-931(2002) Deloukas, P., et al. Nature 414(6866):865-871(2001) Xu, Y., et al. Biochem. J. 360 (PT 3), 513-530 (2001) : Teasdale, R.D., et al. Biochem. J. 358 (PT 1), 7-16 (2001) :