

SNX17 Antibody (N-term) Blocking Peptide
Synthetic peptide
Catalog # BP16064a**Specification**

SNX17 Antibody (N-term) Blocking Peptide - Product InformationPrimary Accession [Q15036](#)**SNX17 Antibody (N-term) Blocking Peptide - Additional Information****Gene ID** 9784**Other Names**

Sorting nexin-17, SNX17, KIAA0064

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.

SNX17 Antibody (N-term) Blocking Peptide - Protein Information**Name** SNX17**Synonyms** KIAA0064**Function**

Critical regulator of endosomal recycling of numerous surface proteins, including integrins, signaling receptor and channels (PubMed:15121882, PubMed:15769472). Binds to NPxY sequences in the cytoplasmic tails of target cargos (PubMed:21512128). Associates with retriever and CCC complexes to prevent lysosomal degradation and promote cell surface recycling of numerous cargos such as integrins ITGB1, ITGB5 and their associated alpha subunits (PubMed:28892079, PubMed:22492727). Also required for maintenance of normal cell surface levels of APP and LRP1 (PubMed:16712798, PubMed:19005208). Interacts with membranes containing phosphatidylinositol 3-phosphate (PtdIns(3P)) (PubMed:16712798).

Cellular Location

Cytoplasm. Early endosome. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side

SNX17 Antibody (N-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

SNX17 Antibody (N-term) Blocking Peptide - Images**SNX17 Antibody (N-term) 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, but contains a B41 domain. This protein interacts with the cytoplasmic domain of P-selectin, and may function in the intracellular trafficking of P-selectin. [provided by RefSeq].

SNX17 Antibody (N-term) Blocking Peptide - References

Lee, J., et al. J. Biol. Chem. 283(17):11501-11508(2008) Wu, C., et al. Proteomics 7(11):1775-1785(2007) Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007) Czubyko, M., et al. Biochem. Biophys. Res. Commun. 345(3):1264-1272(2006) van Kerkhof, P., et al. EMBO J. 24(16):2851-2861(2005)