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SNX17 Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP16064a

Specification

SNX17 Antibody (N-term) Blocking Peptide - Product Information

Primary 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 aphosphoinositide binding domain, and are involved in intracellulartrafficking. This protein does not contain a coiled coil region,like some family members, but contains a B41 domain. This proteininteracts with the cytoplasmic domain of P-selectin, and mayfunction in the intracellular trafficking of P-selectin. [providedby 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)Czubayko, M., et al. Biochem. Biophys. Res. Commun. 345(3):1264-1272(2006)van Kerkhof, P., et al. EMBO J. 24(16):2851-2861(2005)