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SNX21 Antibody (Center) Blocking Peptide

Synthetic peptide
Catalog # BP17607c

Specification

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.

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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 aphosphoinositide binding domain, and are involved in intracellulartrafficking. This protein does not contain a coiled coil region,like some family members. The specific function of this protein hasnot been determined. Multiple transcript variants encoding distinctisoforms 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) :