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SNX4 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP12854b

Specification

SNX4 Antibody (C-term) Blocking peptide - Product Information

Primary Accession O95219

SNX4 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 8723

Other Names
Sorting nexin-4, SNX4

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.

SNX4 Antibody (C-term) Blocking peptide - Protein Information

Name SNX4 {ECO:0000303|PubMed:9819414, ECO:0000312|HGNC:HGNC:11175}

Function
Involved in the regulation of endocytosis and in several stages of intracellular trafficking (PubMed:12668730, PubMed:17994011, PubMed:32513819, PubMed:33468622). Plays a role in recycling endocytosed transferrin receptor and prevent its degradation (PubMed:17994011). Involved in autophagosome assembly by regulating trafficking and recycling of phospholipid scramblase ATG9A (PubMed:32513819, PubMed:33468622).

Cellular Location
Early endosome membrane; Peripheral membrane protein; Cytoplasmic side. Note=Also detected on a juxtanuclear endocytic recycling compartment (ERC).

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SNX4 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

SNX4 Antibody (C-term) Blocking peptide - Images

SNX4 Antibody (C-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 associated with the long isoform of theleptin receptor and with receptor tyrosine kinases forplatelet-derived growth factor, insulin, and epidermal growthfactor in cell cultures, but its function is unknown. This proteinmay form oligomeric complexes with family members. [provided byRefSeq].

SNX4 Antibody (C-term) Blocking peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press :Skanland, S.S., et al. PLoS ONE 4 (6), E5935 (2009) :Traer, C.J., et al. Nat. Cell Biol. 9(12):1370-1380(2007)Skanland, S.S., et al. Traffic 8(3):297-309(2007)Leprince, C., et al. J. Cell. Sci. 116 (PT 10), 1937-1948 (2003) :