

SNX13 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12244b**Specification**

SNX13 Antibody (C-term) Blocking peptide - Product InformationPrimary Accession [Q9Y5W8](#)**SNX13 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 23161**Other Names**

Sorting nexin-13, RGS domain- and PHOX domain-containing protein, RGS-PX1, SNX13, KIAA0713

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.

SNX13 Antibody (C-term) Blocking peptide - Protein Information**Name** SNX13**Synonyms** KIAA0713**Function**

May be involved in several stages of intracellular trafficking. May play a role in endosome homeostasis (By similarity). Acts as a GAP for Galphas.

Cellular Location

Early endosome membrane; Peripheral membrane protein; Cytoplasmic side

SNX13 Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SNX13 Antibody (C-term) Blocking peptide - Images**SNX13 Antibody (C-term) Blocking peptide - Background**

This gene encodes a PHOX domain- and RGS domain-containing protein that belongs to the sorting nexin (SNX) family and the regulator of G protein signaling (RGS) family. The PHOX domain is a phosphoinositide binding domain, and the SNX family members are involved in intracellular trafficking. The RGS family members are regulatory molecules that act as GTPase activating proteins for Gα subunits of heterotrimeric G proteins. The RGS domain of this protein interacts with Gα(s), accelerates its GTP hydrolysis, and attenuates Gα(s)-mediated signaling. Overexpression of this protein delays lysosomal degradation of the epidermal growth factor receptor. Because of its bifunctional role, this protein may link heterotrimeric G protein signaling and vesicular trafficking.

SNX13 Antibody (C-term) Blocking peptide - References

Rose, J. Phd, et al. Mol. Med. (2010) In press : Hillman, R.T., et al. Genome Biol. 5 (2), R8 (2004)
: Worby, C.A., et al. Nat. Rev. Mol. Cell Biol. 3(12):919-931(2002) Kosan, C., et al. Cytogenet.
Genome Res. 97 (3-4), 167-170 (2002) : Zheng, B., et al. Science 294(5548):1939-1942(2001)