

SNX13 Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP12244b**Specification**

SNX13 Antibody (C-term) - Product Information

Application	WB,E
Primary Accession	Q9Y5W8
Other Accession	Q6PHS6 , NP_055947.1
Reactivity	Human
Predicted	Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	112189
Antigen Region	780-807

SNX13 Antibody (C-term) - Additional Information**Gene ID** 23161**Other Names**

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

Target/Specificity

This SNX13 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 780-807 amino acids from the C-terminal region of human SNX13.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SNX13 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SNX13 Antibody (C-term) - 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.

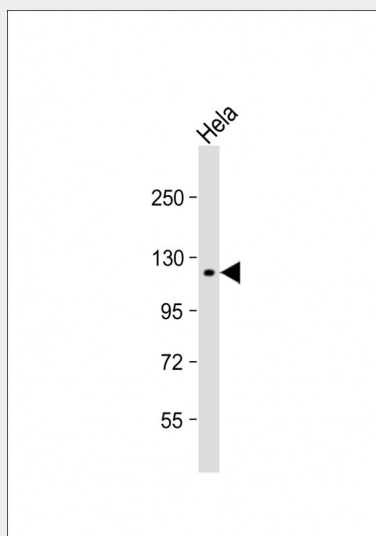
Cellular Location

Early endosome membrane; Peripheral membrane protein; Cytoplasmic side

SNX13 Antibody (C-term) - Protocols

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SNX13 Antibody (C-term) - Images

Anti-SNX13 Antibody (C-term) at 1:1000 dilution + HeLa whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 112 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

SNX13 Antibody (C-term) - 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 G alpha subunits of heterotrimeric G proteins. The RGS domain of this protein interacts with G alpha(s), accelerates its GTP hydrolysis,

and attenuates G alpha(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) - 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)

SNX13 Antibody (C-term) - Citations

- [CRISPR screens for lipid regulators reveal a role for ER-bound SNX13 in lysosomal cholesterol export](#)