

## SNX13 Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP12244b

# **Specification**

## SNX13 Antibody (C-term) - Product Information

Application WB,E
Primary Accession O9Y5W8

Other Accession Q6PHS6, NP\_055947.1

Reactivity
Predicted
Host
Clonality
Isotype
Calculated MW
Antigen Region

Human
Mouse
Rabbit
Polyclonal
Rabbit IgG
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

### **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**

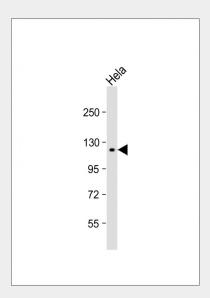
Early endosome membrane; Peripheral membrane protein; Cytoplasmic side

## SNX13 Antibody (C-term) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- <u>Immunohistochemistry</u>
- Immunofluorescence
- <u>Immunoprecipitation</u>
- Flow Cytomety
- Cell Culture

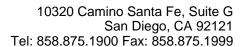
# SNX13 Antibody (C-term) - Images



Anti-SNX13 Antibody (C-term) at 1:1000 dilution + Hela whole cell lysate Lysates/proteins at 20  $\mu$ g 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 delayes 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)