

SNX18 / SNAG1 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF2327a**Specification**

SNX18 / SNAG1 Antibody (C-Term) - Product Information

Application	WB, E
Primary Accession	O96RF0
Other Accession	NP_443102.2 , 112574
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	68894

SNX18 / SNAG1 Antibody (C-Term) - Additional Information**Gene ID** 112574**Other Names**

Sorting nexin-18, SH3 and PX domain-containing protein 3B, Sorting nexin-associated Golgi protein 1, SNX18, SH3PXD3B, SNAG1

Dilution

WB~~1:1000

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SNX18 / SNAG1 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

SNX18 / SNAG1 Antibody (C-Term) - Protein Information**Name** SNX18 {ECO:0000303|PubMed:18411244, ECO:0000312|HGNC:HGNC:19245}**Function**

Involved in endocytosis and intracellular vesicle trafficking, both during interphase and at the end of mitosis (PubMed:18411244, PubMed:20427313)

target="_blank">20427313, PubMed:21048941, PubMed:22718350). Required for efficient progress through mitosis and cytokinesis (PubMed:22718350). Required for normal formation of the cleavage furrow at the end of mitosis (PubMed:22718350). Plays a role in endocytosis via clathrin-coated pits, but also clathrin-independent, actin- dependent fluid-phase endocytosis (PubMed:20427313). Plays a role in macropinocytosis (PubMed:21048941). Binds to membranes enriched in phosphatidylinositol 4,5-bisphosphate and promotes membrane tubulation (PubMed:18411244). Stimulates the GTPase activity of DNM2 (PubMed:20427313). Promotes DNM2 location at the plasma membrane (PubMed:20427313). Together with DNM2, involved in autophagosome assembly by regulating trafficking from recycling endosomes of phospholipid scramblase ATG9A (PubMed:29437695).

Cellular Location

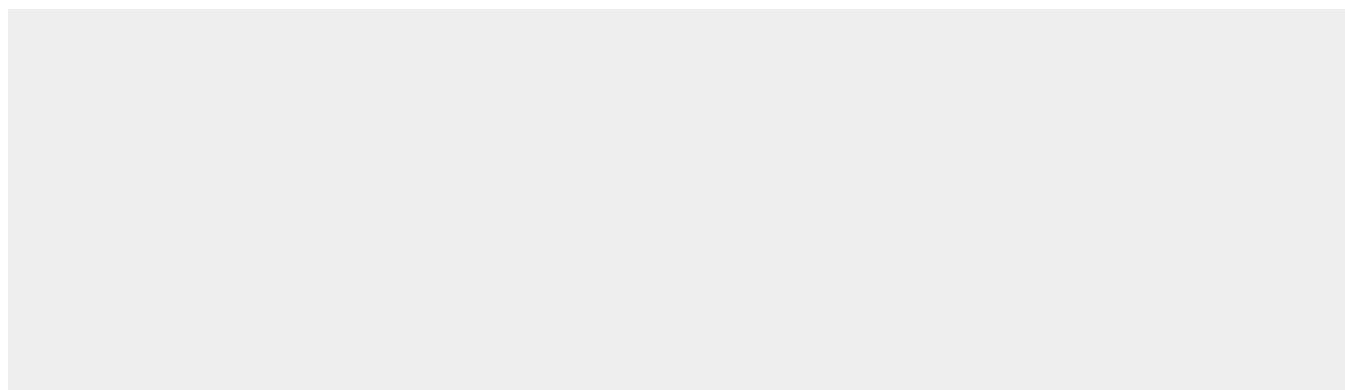
Endomembrane system; Peripheral membrane protein; Cytoplasmic side. Endosome membrane; Peripheral membrane protein; Cytoplasmic side. Recycling endosome membrane; Peripheral membrane protein; Cytoplasmic side. Cell membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side. Note=Localized at sites of endocytosis at the cell membrane (PubMed:18411244). Detected on newly formed macropinosomes (PubMed:21048941). Partially colocalized with clathrin and dynamin at the cell membrane (PubMed:20427313). Transiently recruited to clathrin-coated pits at a late stage of clathrin-coated vesicle formation (PubMed:18411244).

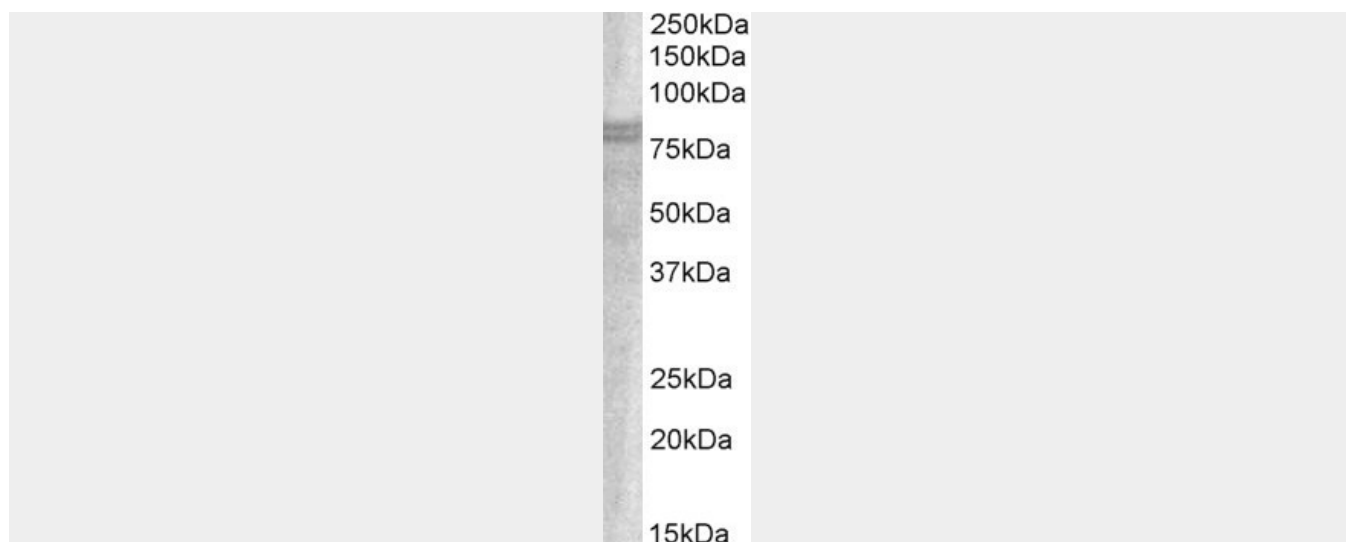
SNX18 / SNAG1 Antibody (C-Term) - Protocols

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](#)

SNX18 / SNAG1 Antibody (C-Term) - Images





AF2327a (1 µg/ml) staining of A549 lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

SNX18 / SNAG1 Antibody (C-Term) - References

A large family of endosome-localized proteins related to sorting nexin 1. Teasdale RD, Loci D, Houghton F, Karlsson L, Gleeson PA. Biochem J. 2001 Aug 15;358(Pt 1):7-16. PMID: 11485546