

Goat Anti-SNX16 Antibody
Peptide-affinity purified goat antibody
Catalog # AF2014a**Specification**

Goat Anti-SNX16 Antibody - Product Information

Application	WB
Primary Accession	P57768
Other Accession	NP_690050 , 64089 , 74718 (mouse) , 64088 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog, Cow
Host	Goat
Clonality	Polyclonal
Concentration	100ug/200ul
Isotype	IgG
Calculated MW	39167

Goat Anti-SNX16 Antibody - Additional Information**Gene ID** 64089**Other Names**

Sorting nexin-16, SNX16

Format

0.5 mg IgG/ml in Tris saline (20mM Tris pH7.3, 150mM NaCl), 0.02% sodium azide, 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

Goat Anti-SNX16 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Goat Anti-SNX16 Antibody - Protein Information**Name** SNX16**Function**

May be involved in several stages of intracellular trafficking. Plays a role in protein transport from early to late endosomes. Plays a role in protein transport to the lysosome. Promotes degradation of EGFR after EGF signaling. Plays a role in intracellular transport of vesicular stomatitis virus nucleocapsids from the endosome to the cytoplasm.

Cellular Location

Early endosome membrane; Peripheral membrane protein; Cytoplasmic side. Late endosome membrane; Peripheral membrane protein; Cytoplasmic side. Cytoplasm. Lysosome

Tissue Location

Detected in placenta, lung, liver, heart and pancreas.

Goat Anti-SNX16 Antibody - Protocols

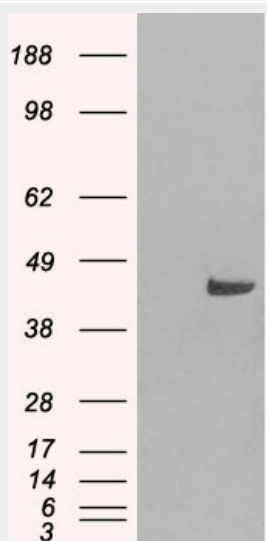
Provided below are standard protocols that you may find useful for product applications.

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

Goat Anti-SNX16 Antibody - Images



AF2014a (0.05 µg/ml) staining of Daudi lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



HEK293 overexpressing SNX16 (RC207476) and probed with AF2014a (mock transfection in first lane), tested by Origene.

Goat Anti-SNX16 Antibody - Background

This gene encodes a member of the sorting nexin family. Members of this family contain a phox (PX) domain, which is a phosphoinositide binding domain, and are involved in intracellular trafficking. The function of this protein has not been determined. This gene results in three transcript variants encoding two distinct isoforms.

Goat Anti-SNX16 Antibody - References

Evaluation of nine candidate genes in patients with normal tension glaucoma: a case control study. Wolf C, et al. BMC Med Genet, 2009 Sep 15. PMID 19754948.

Diversification of transcriptional modulation: large-scale identification and characterization of putative alternative promoters of human genes. Kimura K, et al. Genome Res, 2006 Jan. PMID 16344560.

The status, quality, and expansion of the NIH full-length cDNA project: the Mammalian Gene Collection (MGC). Gerhard DS, et al. Genome Res, 2004 Oct. PMID 15489334.

Evidence for a role of SNX16 in regulating traffic between the early and later endosomal compartments. Hanson BJ, et al. J Biol Chem, 2003 Sep 5. PMID 12813048.

Generation and initial analysis of more than 15,000 full-length human and mouse cDNA sequences. Strausberg RL, et al. Proc Natl Acad Sci U S A, 2002 Dec 24. PMID 12477932.