

SNX4 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50705**Specification**

SNX4 Antibody - Product Information

Application	WB
Primary Accession	O95219
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52 KDa
Antigen Region	195-226

SNX4 Antibody - Additional Information**Gene ID** 8723**Other Names**

Sorting nexin-4, SNX4

Dilution

WB~~1:500

FormatRabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.09% (W/V) sodium azide and 50% glycerol.**Storage Conditions**

-20°C

SNX4 Antibody - Protein Information**Name** SNX4 {ECO:0000303|PubMed:9819414, ECO:0000312|HGNC:HGNC:11175}**Function**

Involved in the regulation of endocytosis and in several stages of intracellular trafficking (PubMed: [12668730](http://www.uniprot.org/citations/12668730), PubMed: [17994011](http://www.uniprot.org/citations/17994011), PubMed: [32513819](http://www.uniprot.org/citations/32513819), PubMed: [33468622](http://www.uniprot.org/citations/33468622)). Plays a role in recycling endocytosed transferrin receptor and prevent its degradation (PubMed: [17994011](http://www.uniprot.org/citations/17994011)). Involved in autophagosome assembly by regulating trafficking and recycling of phospholipid scramblase ATG9A (PubMed: [32513819](http://www.uniprot.org/citations/32513819), PubMed: [33468622](http://www.uniprot.org/citations/33468622)).

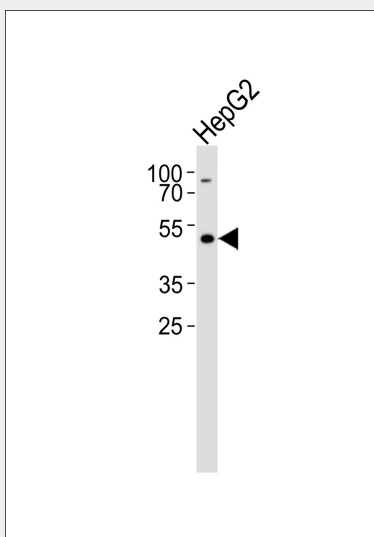
Cellular Location

Early endosome membrane; Peripheral membrane protein; Cytoplasmic side. Note=Also detected on a juxtanuclear endocytic recycling compartment (ERC).

SNX4 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](#)

SNX4 Antibody - Images

Western blot analysis of lysate from HepG2 cell line, using SNX4 Antibody (AP50705). AP50705 was diluted at 1:500. A goat anti-rabbit IgG H&L (HRP) at 1:5000 dilution was used as the secondary antibody. Lysate at 35 µg.

SNX4 Antibody - Background

May be involved in several stages of intracellular trafficking. Plays a role in recycling endocytosed transferrin receptor and prevent its degradation.

SNX4 Antibody - References

- Haft C.R., et al. Mol. Cell. Biol. 18:7278-7287 (1998).
Ota T., et al. Nat. Genet. 36:40-45 (2004).
Mural R.J., et al. Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Traer C.J., et al. Nat. Cell Biol. 9:1370-1380 (2007).
Dephoure N., et al. Proc. Natl. Acad. Sci. U.S.A. 105:10762-10767 (2008).