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SNX4 antibody - C-terminal region

Rabbit Polyclonal Antibody
Catalog # AI14780

Product Information

Application	WB
Primary Accession	O95219
Other Accession	NM_003794, NP_003785
Reactivity	Human, Mouse, Rat, Rabbit, Pig, Dog, Guinea Pig, Horse, Bovine
Predicted	Human, Mouse, Rat, Rabbit, Chicken, Guinea Pig, Horse, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51909

Additional Information

Gene ID	8723
Alias Symbol	ATG24B
Other Names	Sorting nexin-4, SNX4
Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Reconstitution & Storage	Add 50 ul of distilled water. Final anti-SNX4 antibody concentration is 1 mg/ml in PBS buffer with 2% sucrose. For longer periods of storage, store at 20°C. Avoid repeat freeze-thaw cycles.
Precautions	SNX4 antibody - C-terminal region is for research use only and not for use in diagnostic or therapeutic procedures.

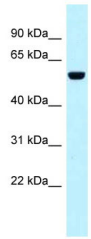
Protein Information

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, PubMed:17994011, PubMed:32513819, PubMed:33468622). Plays a role in recycling endocytosed transferrin receptor and prevent its degradation (PubMed:17994011). Involved in autophagosome assembly by regulating trafficking and recycling of phospholipid scramblase ATG9A (PubMed:32513819, PubMed:33468622).
Cellular Location	Early endosome membrane; Peripheral membrane protein; Cytoplasmic side. Note=Also detected on a juxtanuclear endocytic recycling compartment (ERC).

References

Haft C.R.,et al.Mol. Cell. Biol. 18:7278-7287(1998).
Ota T.,et al.Nat. Genet. 36:40-45(2004).
Muzny D.M.,et al.Nature 440:1194-1198(2006).
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).

Images



WB Suggested Anti-SNX4 Antibody Titration: 1.0 µg/ml
Positive Control: THP-1 Whole Cell

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.