

SNX17 Antibody (N-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16064a**Specification**

SNX17 Antibody (N-term) - Product Information

Application	WB,E
Primary Accession	Q15036
Other Accession	Q6AYS6 , Q8BVL3 , Q5EA77 , NP_055563.1
Reactivity	Human
Predicted	Bovine, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Antigen Region	53-82

SNX17 Antibody (N-term) - Additional Information**Gene ID** 9784**Other Names**

Sorting nexin-17, SNX17, KIAA0064

Target/Specificity

This SNX17 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 53-82 amino acids from the N-terminal region of human SNX17.

Dilution

WB~~1:1000

E~~Use at an assay dependent concentration.

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

SNX17 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

SNX17 Antibody (N-term) - Protein Information**Name** SNX17**Synonyms** KIAA0064

Function Critical regulator of endosomal recycling of numerous surface proteins, including integrins, signaling receptor and channels (PubMed:[15121882](#), PubMed:[15769472](#), PubMed:[39587083](#)). Binds to NPxY sequences in the cytoplasmic tails of target cargos (PubMed:[21512128](#)). Associates with retriever and CCC complexes to prevent lysosomal degradation and promote cell surface recycling of numerous cargos such as integrins ITGB1, ITGB5 and their associated alpha subunits (PubMed:[22492727](#), PubMed:[28892079](#), PubMed:[39587083](#)). Also required for maintenance of normal cell surface levels of APP and LRP1 (PubMed:[16712798](#), PubMed:[19005208](#)). Interacts with membranes containing phosphatidylinositol 3-phosphate (PtdIns(3P)) (PubMed:[16712798](#)).

Cellular Location

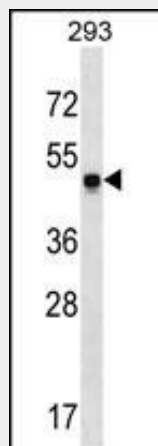
Cytoplasm. Early endosome. Cytoplasmic vesicle membrane; Peripheral membrane protein; Cytoplasmic side

SNX17 Antibody (N-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](#)

SNX17 Antibody (N-term) - Images



SNX17 Antibody (N-term) (Cat. #AP16064a) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the SNX17 antibody detected the SNX17 protein (arrow).

SNX17 Antibody (N-term) - 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. This protein does not contain a coiled coil region, like some family members, but contains a B41 domain. This protein interacts with the cytoplasmic domain of P-selectin, and may

function in the intracellular trafficking of P-selectin. [provided by RefSeq].

SNX17 Antibody (N-term) - References

Lee, J., et al. J. Biol. Chem. 283(17):11501-11508(2008)
Wu, C., et al. Proteomics 7(11):1775-1785(2007)
Sugiyama, N., et al. Mol. Cell Proteomics 6(6):1103-1109(2007)
Czubayko, M., et al. Biochem. Biophys. Res. Commun. 345(3):1264-1272(2006)
van Kerkhof, P., et al. EMBO J. 24(16):2851-2861(2005)