

Datasheet for ABIN7119364 **anti-SNX5 antibody**

[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	SNX5
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNX5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunoprecipitation (IP)

Product Details

Immunogen:	sorting nexin 5
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	SNX5
Alternative Name:	SNX5 (SNX5 Products)
Background:	Synonyms: Background:Involved in several stages of intracellular trafficking. Interacts with membranes containing phosphatidylinositol 3-phosphate(PtdIns(3P)) or phosphatidylinositol 3,4-bisphosphate(PtdIns(3,4)P2)(PubMed:15561769). Acts in part as component of the retromer membrane-deforming SNX-BAR subcomplex. The SNX-BAR retromer mediates

Target Details

retrograde transport of cargo proteins from endosomes to the trans-Golgi network(TGN) and is involved in endosome-to-plasma membrane transport for cargo protein recycling. The SNX-BAR subcomplex functions to deform the donor membrane into a tubular profile called endosome-to-TGN transport carrier(ETC)(Probable). Does not have in vitro vesicle-to-membrane remodeling activity(PubMed:23085988). Involved in retrograde transport of lysosomal enzyme receptor IGF2R(PubMed:17148574, PubMed:18596235). May function as link between endosomal transport vesicles and dynactin(Probable). Plays a role in the internalization of EGFR after EGF stimulation(Probable). Involved in EGFR endosomal sorting and degradation, the function involves PIP5K1C isoform 3 and is retromer-independent(PubMed:23602387). Together with PIP5K1C isoform 3 facilitates HGS interaction with ubiquitinated EGFR, which initiates EGFR sorting to intraluminal vesicles(ILVs) of the multivesicular body for subsequent lysosomal degradation(Probable). Involved in E-cadherin sorting and degradation, inhibits PIP5K1C isoform 3-mediated E-cadherin degradation(PubMed:24610942). Plays a role in macropinocytosis(PubMed:18854019, PubMed:21048941).

Molecular Weight: 47 kDa

Gene ID: 27131

UniProt: [Q9Y5X3](#)

Application Details

Application Notes: WB: 1:500-1:2000, IP: 1:200-1:1000, IHC: 1:20-1:200

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months