

Rabbit SNX4 Polyclonal Antibody | anti-SNX4 antibody

SNX4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA325185	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

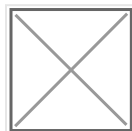
PRODUCT SYNONYMS

SNX4; Polyclonal Antibody; SNX4 Antibody; ATG24B; SNX 4; snx4; SNX4_HUMAN; Sorting nexin 4; Sorting nexin-4; anti-SNX4 antibody

PRODUCT SPECIFICATIONS

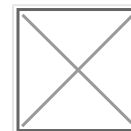
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SNX4 antibody detects endogenous levels of total SNX4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	450
Applicable Applications for anti-SNX4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Endosome
Predicted Cross Reactivity	Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Chicken, Xenopus
Similarity	Pig (91%), Zebrafish (82%), Bovine (82%), Horse (91%), Sheep (82%), Rabbit (91%), Dog (91%), Chicken (91%), Xenopus (82%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HuvEc cells, using SNX4 antibody. The lane on the left is treated with the antigen-specific peptide.



IF (Immunofluorescence)

AAA325185 staining HuvEc cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-SNX4 antibody	Function: May be involved in several stages of intracellular trafficking. Plays a role in recycling endocytosed transferrin receptor and prevent its degradation. Subunit Structure: Interacts with WWC1/KIBRA. Identified in a complex with WWC1/KIBRA and dynein components DYNLL1 and DYNC1I2. Similarity: The PX domain binds phosphatidylinositol 3-phosphate which is necessary for peripheral membrane localization. Belongs to the sorting nexin family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507145
NCBI GeneID	8723
NCBI Accession #	NP_003785.1
NCBI GenBank Nucleotide #	NM_003794.3
UniProt Accession #	O95219; B3KMH0; B4DQV4; D3DNA3
Molecular Weight	Observed: 60 kD Predicted: 52 kDa
NCBI Official Full Name	sorting nexin-4
NCBI Official Synonym Full Names	sorting nexin 4
NCBI Official Symbol	SNX4
NCBI Official Synonym Symbols	ATG24B
NCBI Protein Information	sorting nexin-4
UniProt Protein Name	Sorting nexin-4
UniProt Gene Name	SNX4

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/snx4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/325185>