Rabbit SNX17 Polyclonal Antibody | anti-SNX17 antibody

SNX17 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA322996	**Rabbit**	**Human, Mouse, Rat**	**Immunohistochemistry, Western Blot**

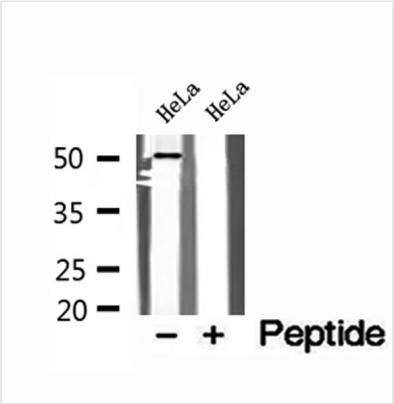
PRODUCT SYNONYMS

SNX17; Polyclonal Antibody; SNX17 Antibody; Similar to a putative C elegans gene encoded in cosmid F17H10; Snx17; SNX17_HUMAN; Sorting nexin 17; Sorting nexin-17; anti-SNX17 antibody

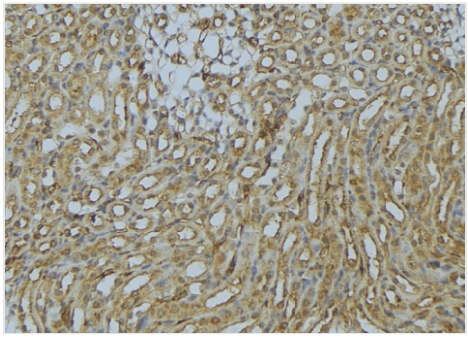
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SNX17 antibody detects endogenous levels of SNX17.
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	445
Applicable Applications for anti-SNX17 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human SNX17.
Subcellular Location	Cytoplasm. Early Endosome. Cytoplasmic Vesicle Membrane.
Predicted Cross Reactivity	**Pig, Zebrafish, Bovine, Horse, Sheep, Rabbit, Dog, Xenopus**
Similarity	Pig (100%), Zebrafish (83%), Bovine (100%), Horse (100%), Sheep (100%), Rabbit (100%), Dog (100%), Xenopus (83%)
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 of HeLa cells, using SNX17 antibody.



IHC (Immunohistochemistry)
AAA322996 at 1/100 staining Mouse kidney tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.

ADDITIONAL INFORMATION

Related Product Information for anti-SNX17 antibody	Function: Critical regulator of endosomal recycling of numerous receptors, channels, and other transmembrane proteins. Binds to NPxY sequences in the cytoplasmic tails of target cargos. Plays a role in the sorting of endocytosed LRP1 and APP, and prevents their degradation. Required for maintenance of normal cell surface levels of APP and LRP1. Recycles internalized integrins ITGB1, ITGB5 and their associated alpha subunits, preventing them from lysosomal degradation. Interacts with membranes containing phosphatidylinositol 3-phosphate (PtdIns(3P)). Subunit Structure: Monomer. Interacts with APP (via cytoplasmic YXNPXY motif). Interacts with KIF1B (By similarity). Interacts with the C-termini of P-selectin, PTC, LDLR, VLDLR, LRP1 and LRP8. Interacts with KRIT1 (via N-terminus). Interacts with HRAS. Interacts with ITGB1 and ITGB5 (via NPxY motif). Similarity: The PX domain mediates specific binding to phosphatidylinositol 3-phosphate (PtdIns(P3)). Required for association with endosomes.The PTB-like F3 module within the FERM-like domain mediates cargo recognition via their NPxY sequences, while the F1 module (Ras-associating) is responsible for interaction with membrane-bound HRAS. Belongs to the sorting nexin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	388596707
NCBI GeneID	9784
NCBI Accession #	NP_001253989.1
NCBI GenBank Nucleotide #	NM_001267060.1
UniProt Accession #	Q15036; Q53HN7; Q6IAS3; B4DQM7
Molecular Weight	Observed: 50 kDa Predicted: 53 kDa
NCBI Official Full Name	sorting nexin-17 isoform 3
NCBI Official Synonym Full Names	sorting nexin 17
NCBI Official Symbol	SNX17
NCBI Protein Information	sorting nexin-17
UniProt Protein Name	Sorting nexin-17
UniProt Gene Name	**SNX17**
UniProt Synonym Gene Names	KIAA0064

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.

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Online datasheet: https://stage.aaabiotech.com/polyclonal/snx17-antibody-immunohistochemistry-western-blot-elisa/322996