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Rabbit Anti-SNX10 antibody

SL12408R

Product Name:	SNX10
Chinese Name:	分选连接蛋白10抗体
Alias:	2410004M09Rik; MGC109202; MGC33054; SNX10; SNX10_HUMAN; Sorting nexin 10; Sorting nexin-10.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Cow,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500（Paraffin sections need antigen repair） not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	24kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human SNX10:11-100/201
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Sorting nexin (SNX) proteins are members of a large family of hydrophilic PX (phospholipid-binding motif) domain-containing proteins that interact with a variety of receptor types. SNXs are widely expressed, although the tissue distribution of each SNX mRNA varies. The ability of SNXs to bind specific phospholipids, as well as their tendency to form protein-protein complexes, suggests a role for these proteins in cellular membrane trafficking and protein sorting. SNXs may also function specifically

in pro-degradative sorting, internalization, endosomal recycling or simply in endosomal sorting. SNX10 (Sorting nexin-10) is a 201 amino acid protein that contains one phox domain and belongs to the SNX family. Like other members of the SNX family, SNX10 is thought to play a role in intracellular trafficking events throughout the cell.

Function:
May be involved in several stages of intracellular trafficking (By similarity). May play a role in endosome homeostasis. Overexpression causes formation of huge vacuoles.

Subcellular Location:
Cytoplasm. Endosome membrane.

Similarity:
Belongs to the sorting nexin family.
Contains 1 PX (phox homology) domain.

SWISS:
Q9Y5X0

Gene ID:
29887

Database links:

[Entrez Gene: 508836](#)Cow

[Entrez Gene: 29887](#)Human

[Entrez Gene: 71982](#)Mouse

[Entrez Gene: 297096](#)Rat

[SwissProt: Q0IIL5](#)Cow

[SwissProt: Q9Y5X0](#)Human

[SwissProt: Q9CWT3](#)Mouse

[SwissProt: Q5BJX4](#)Rat

Important Note:
This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.