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Datasheet for ABIN7170382
anti-SNX27 antibody (AA 458-497) (Biotin)

Overview

Quantity:	100 µg
Target:	SNX27
Binding Specificity:	AA 458-497
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNX27 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Sorting nexin-27 protein (458-497AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	SNX27
Alternative Name:	SNX27 (SNX27 Products)
Background:	Background: Involved in the retrograde transport from endosome to plasma membrane, a trafficking pathway that promotes the recycling of internalized transmembrane proteins.

Target Details

Following internalization, endocytosed transmembrane proteins are delivered to early endosomes and recycled to the plasma membrane instead of being degraded in lysosomes. SNX27 specifically binds and directs sorting of a subset of transmembrane proteins containing a PDZ-binding motif at the C-terminus: following interaction with target transmembrane proteins, associates with the retromer complex, preventing entry into the lysosomal pathway, and promotes retromer-tubule based plasma membrane recycling. SNX27 also binds with the WASH complex. Interacts with membranes containing phosphatidylinositol-3-phosphate (PtdIns(3P)). May participate in establishment of natural killer cell polarity. Recruits CYTIP to early endosomes.

Aliases: KIAA0488 antibody, Methamphetamine responsive transcript 1 antibody, MGC126871 antibody, MGC126873 antibody, MGC20471 antibody, MRT1 antibody, MY014 antibody, OTTHUMP00000042487 antibody, RP11-98D18.12 antibody, SNX27 antibody, SNX27_HUMAN antibody, Sorting nexin family member 27 antibody, Sorting nexin-27 antibody

UniProt: [Q96L92](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.