

Datasheet for ABIN7170381  
**anti-SNX27 antibody (AA 458-497)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	SNX27
Binding Specificity:	AA 458-497
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SNX27 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

## 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 ( <a href="#">SNX27 Products</a> )
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: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

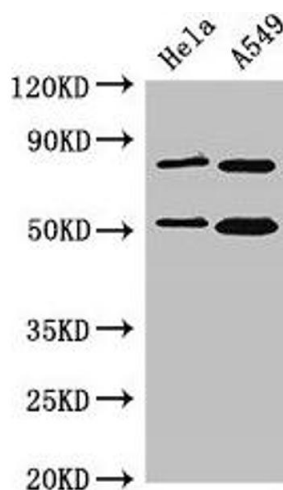
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

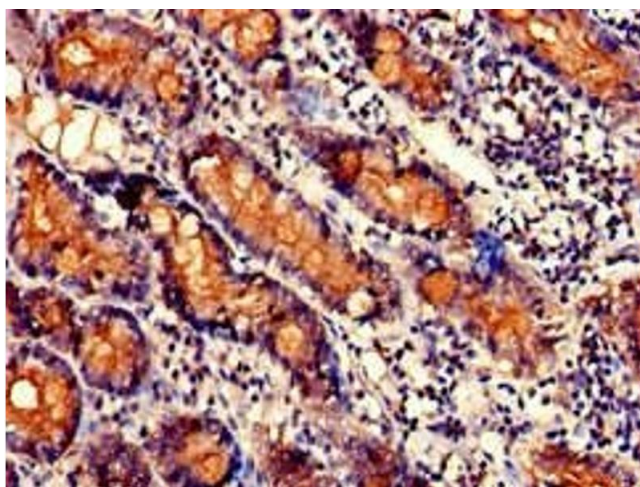
Storage: -20 °C, -80 °C

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



#### Western Blotting

**Image 1.** Western Blot Positive WB detected in: HeLa whole cell lysate, A549 whole cell lysate All lanes: SNX27 antibody at 3.5 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 62, 60, 51 kDa Observed band size: 51 kDa



#### Immunohistochemistry

**Image 2.** Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7170381 at dilution of 1:100