

Datasheet for ABIN7162583  
**anti-PANX1 antibody (AA 288-426)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µg
Target:	PANX1
Binding Specificity:	AA 288-426
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PANX1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Pannexin-1 protein (288-426AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	PANX1
Alternative Name:	PANX1 ( <a href="#">PANX1 Products</a> )
Background:	Background: Structural component of the gap junctions and the hemichannels. May play a role as a Ca(2+)-leak channel to regulate ER Ca(2+) homeostasis.

## Target Details

Aliases: innexin antibody, MRS1 antibody, Pannexin 1 antibody, Pannexin-1 antibody, Panx1 antibody, PANX1\_HUMAN antibody, PX1 antibody, UNQ2529 antibody

UniProt: [Q96RD7](#)

## Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:200-1:500,

Restrictions: For Research Use only

## Handling

Format: Liquid

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

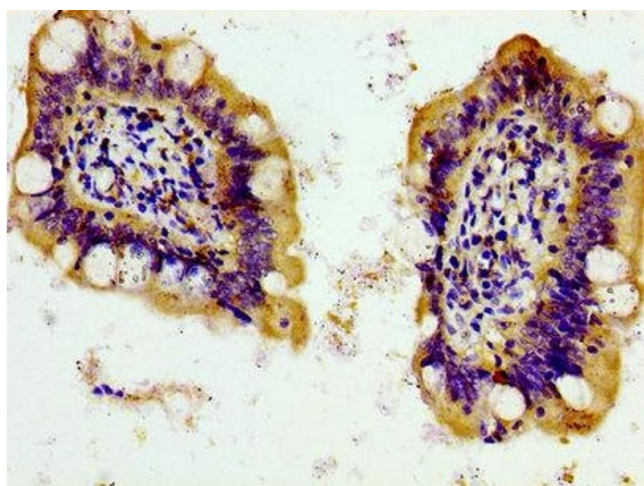
Preservative: ProClin

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

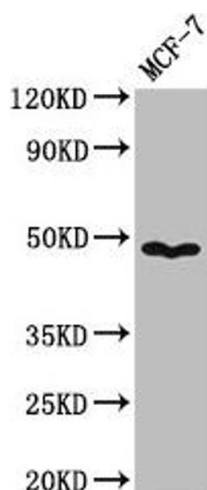
Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

## Images



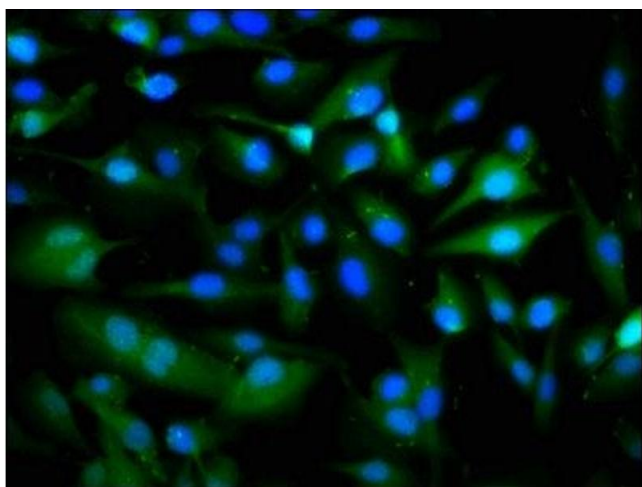
### Immunohistochemistry

**Image 1.** Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7162583 at dilution of 1:100



### Western Blotting

**Image 2.** Western Blot Positive WB detected in: MCF-7 whole cell lysate All lanes: PANX1 antibody at 3.2 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 49, 48 kDa Observed band size: 49 kDa



### Immunofluorescence

**Image 3.** Immunofluorescence staining of U251 cells with ABIN7162583 at 1:266, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).