

Datasheet for ABIN7140169
anti-TJP1 antibody (AA 116-138)



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1 Image

Overview

Quantity:	100 µL
Target:	TJP1
Binding Specificity:	AA 116-138
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TJP1 antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Immunogen:	Peptide sequence from Human Tight junction protein ZO-1 protein (116-138AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	TJP1
Alternative Name:	TJP1 (TJP1 Products)
Background:	Background: The N-terminal may be involved in transducing a signal required for tight junction assembly, while the C-terminal may have specific properties of tight junctions. The alpha

Target Details

domain might be involved in stabilizing junctions. Plays a role in the regulation of cell migration by targeting CDC42BPB to the leading edge of migrating cells.

Aliases: Tight junction protein 1 antibody, Tight junction protein ZO-1 antibody, Tight junction protein ZO1 antibody, TJP1 antibody, zo-1 antibody, Zo1 antibody, ZO1_HUMAN antibody, Zona occludens 1 antibody, Zona occludens 1 protein antibody, Zona occludens protein 1 antibody, Zonula occludens 1 protein antibody, Zonula occludens protein 1 antibody

UniProt: [Q07157](#)

Pathways: [Carbohydrate Homeostasis](#), [Cell-Cell Junction Organization](#)

Application Details

Application Notes: Recommended dilution: IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

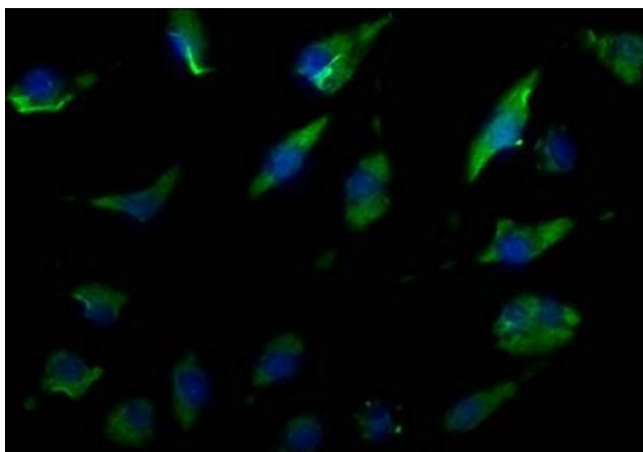
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

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.



Immunofluorescence

Image 1. Immunofluorescence staining of U251 cells with ABIN7140169 at 1:50, 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).