

Datasheet for ABIN3029132
anti-TJP1 antibody (C-Term)



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2 Images

Overview

Quantity:	0.4 mL
Target:	TJP1
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TJP1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	This ZO1 antibody was produced from a rabbit immunized with a KLH conjugated synthetic peptide between 1328-1362 amino acids from the C-terminal region of human TJP1/ZO1.
Isotype:	Ig Fraction
Purification:	Antigen affinity purified

Target Details

Target:	TJP1
Alternative Name:	ZO1 (TJP1 Products)
Background:	The N-terminal of ZO1 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 domain might be involved in stabilizing junctions. Plays a role in the regulation of cell migration

Target Details

	by targeting CDC42BPB to the leading edge of migrating cells.
UniProt:	Q07157
Pathways:	Carbohydrate Homeostasis , Cell-Cell Junction Organization

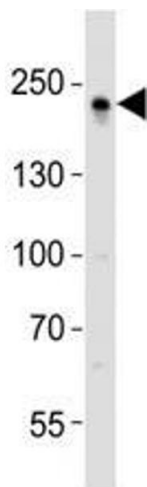
Application Details

Application Notes:	Titration of the ZO1 antibody may be required due to differences in protocols and secondary/substrate sensitivity.\. Western blot: 1:1000
Restrictions:	For Research Use only

Handling

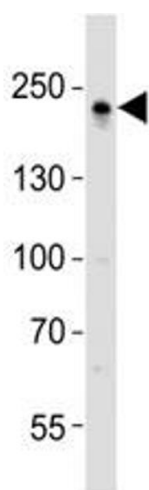
Format:	Liquid
Buffer:	In 1X PBS pH 7.4 with 0.09 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot the ZO1 antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.

Images



Western Blotting

Image 1. Western blot analysis of lysate from A431 cell line using ZO1 antibody diluted at 1:1000.



Western Blotting

Image 2. Western blot analysis of lysate from A431 cell line using ZO1 antibody diluted at 1:1000.