

Datasheet for ABIN4915355
anti-TJP1 antibody (AA 1551-1702) (PE)



[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	TJP1
Binding Specificity:	AA 1551-1702
Reactivity:	Human, Mouse, Rat, Pig, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TJP1 antibody is conjugated to PE
Application:	Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ZO-1
Isotype:	IgG
Cross-Reactivity:	Cow, Human, Mouse, Pig, Rat
Predicted Reactivity:	Dog,Cow,Chicken,Rabbit,Guinea Pig
Purification:	Purified by Protein A.

Target Details

Target:	TJP1
Alternative Name:	ZO-1 (TJP1 Products)
Background:	Synonyms: ZO-1, Tight junction protein ZO-1, Tight junction protein 1, Zona occludens protein 1,

Target Details

Zonula occludens protein 1, TJP1, ZO1

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 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.

Gene ID: 7082

UniProt: [Q07157](#)

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

Application Details

Application Notes: FCM 1:20-100

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months