

Rabbit anti-Human TJP1 / ZO-1 Polyclonal Antibody | anti-TJP1 / ZO-1 antibody

Anti-TJP1 / ZO-1 Antibody (aa1-296) IHC-plus

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52642	Rabbit	Human	Western Blot, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

TJP1 / ZO-1; Polyclonal Antibody; Anti-TJP1 / ZO-1 Antibody (aa1-296) IHC-plus; Rabbit Polyclonal (IgG) to Human TJP1 / ZO-1; Human TJP1 / ZO-1; Zona occludens protein 1; Zona occludens 1; Zonula occludens protein 1; Tight junction protein 1; ZO1; Tight junction protein ZO-1; Zonula occludens 1 protein; anti-TJP1 / ZO-1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	Human ZO-1
Purity/Purification	Immunoaffinity purified
Form/Format	0.1 M Tris-glycine, pH 7.0, 10% glycerol, 0.01% Thimerosal
Concentration	1 mg/ml (varies by lot)
Sequence Length	1748
Applicable Applications for anti-TJP1 / ZO-1 antibody	WB (Western Blot), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Immunogen	TJP1 / ZO-1 antibody was raised against recombinant fragment corresponding to a region within amino acids 1 and 296 of ZO-1 (SwissProt Q07157).
Immunogen Description	Recombinant fragment corresponding to a region within amino acids 1 and 296 of ZO-1 (SwissProt Q07157).
Immunogen Type	Recombinant protein
Antigen Modification	aa1-296
Target Species	Human
Preparation and Storage	Keep as concentrated solution. Aliquot and store at -20 degree C or below. Avoid multiple freeze-thaw cycles.

IMAGES



WB (Western Blot)

Sample (30 ug whole cell lysate). A: H1299. 5% SDS PAGE. ZO-1 antibody diluted at 1:3000



ICC (Immunocytochemistry)

ZO-1 antibody, N-term detects TJP1 protein at junction by confocal immunofluorescent analysis. A431 cells were fixed in 4% paraformaldehyde at RT for 15 min. TJP1 protein stained by ZO-1 antibody, N-term diluted at 1:500.



IHC (Immunohistochemistry)

Anti-TJP1 / ZO-1 antibody IHC staining of human testis. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 10 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-TJP1 / ZO-1 antibody	TJP1 Antibody, ZO-1 Antibody, Zona occludens protein 1 Antibody, Zona occludens 1 Antibody, Zonula occludens protein 1 Antibody, Tight junction protein 1 Antibody, ZO1 Antibody, Tight junction protein ZO-1 Antibody, Zonula occludens 1 protein Antibody Description: 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116875767
NCBI GeneID	7082
NCBI Accession #	NP_003248.3
NCBI GenBank Nucleotide #	NM_003257.4
UniProt Accession #	Q07157; Q2NKP3; Q4ZGJ6; B4E3K1
Molecular Weight	186,966 Da
NCBI Official Full Name	tight junction protein ZO-1 isoform a
NCBI Official Synonym Full Names	tight junction protein 1
NCBI Official Symbol	TJP1
NCBI Official Synonym Symbols	ZO-1
NCBI Protein Information	tight junction protein ZO-1
UniProt Protein Name	Tight junction protein ZO-1
UniProt Gene Name	TJP1
UniProt Synonym Gene Names	ZO1
UniProt Entry Name	ZO1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tjp1-zo-1-antibody-western-blot-immunocytochemistry-immunohistochemistry-elisa/52642>