

Goat TJP1 / ZO-1 Polyclonal Antibody | anti-TJP1 antibody

Goat Polyclonal (IgG) to Human TJP1 / ZO-1

CATALOG # AAA52334	HOST Goat	REACTIVITY Dog, Human, Monkey, Mouse, Rat	APPLICATIONS Western Blot, Immunofluorescence, Immunohistochemistry
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PRODUCT SYNONYMS

TJP1 / ZO-1; Polyclonal Antibody; Goat Polyclonal (IgG) to Human TJP1 / ZO-1; Anti-TJP1 / ZO-1 Antibody (C-Terminus) IHC-plus; 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; Human TJP1; anti-TJP1 antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Dog, Human, Monkey, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Detects endogenous levels of total ZO-1 by Western blot in whole cell and tissue lysates.
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 20% glycerol, 0.05% sodium azide.
Concentration	3 mg/ml (varies by lot)
Sequence Length	1748
Applicable Applications for anti-TJP1 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Purified recombinant peptide derived from within residues 1580 aa to the C-terminus of human ZO-1 produced in E Coli.
Immunogen Type	Recombinant protein
Immunogen	TJP1 / ZO-1 antibody was raised against purified recombinant peptide derived from within residues 1580 aa to the C-terminus of human ZO-1 produced in E Coli.
Antigen Modification	C-Terminus
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence of primary RPE cells with ZO-1 antibody at 1:100 dilution.



IHC (Immunohistochemistry)

Anti-TJP1 / ZO-1 antibody IHC staining of human kidney. 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 antibody	ZO-1 (TJP1) is a protein located on a cytoplasmic membrane surface of intercellular tight junctions. The encoded protein may be involved in signal transduction at cell-cell junctions. Two transcript variants encoding distinct isoforms have been identified for this gene.
Product Categories/Family for anti-TJP1 antibody	Family: Occludin

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; zona occludens 1; zonula occludens 1 protein
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-immunofluorescence-immunohistochemistry-elisa/52334>