

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

TJP1/ZO-1 Rabbit anti-Human Polyclonal Antibody

CATALOG # AAA163012	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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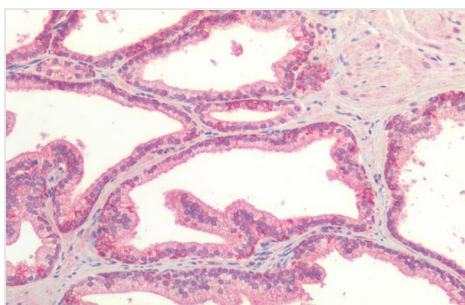
PRODUCT SYNONYMS

TJP1/ZO-1; Polyclonal Antibody; TJP1/ZO-1 Rabbit anti-Human Polyclonal Antibody; PathPlus TJP1/ZO-1 Antibody; 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 antibody

PRODUCT SPECIFICATIONS

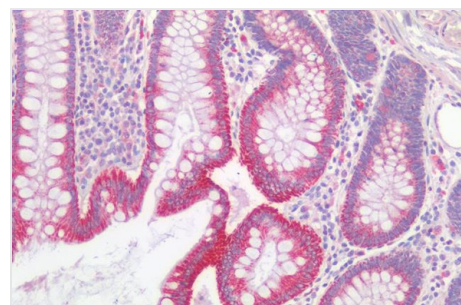
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Immunoaffinity purified
Form/Format	PBS, 0.1% Sodium Azide
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TJP1 antibody	IHC (Immunohistochemistry)
Target	Human TJP1/ZO-1
Immunogen	LP-10972, synthetic peptide
Conjugation	Unconjugated
Family	Occludin
Preparation and Storage	Aliquot and store undiluted at -20 degree C or below for up to 1 year. Can be stored undiluted at 4 degree C for up to 1 month. Avoid freeze-thaw cycles.

IMAGES



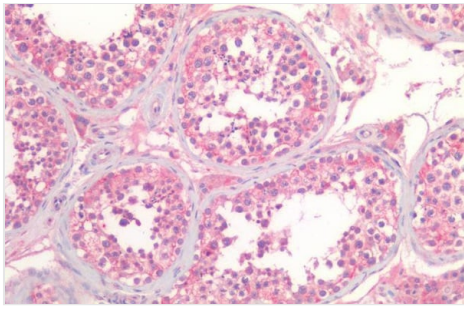
IHC (Immunohistochemistry)

TJP1/ZO-1 Antibody-Human Prostate: Formalin-Fixed, Paraffin-Embedded (FFPE)

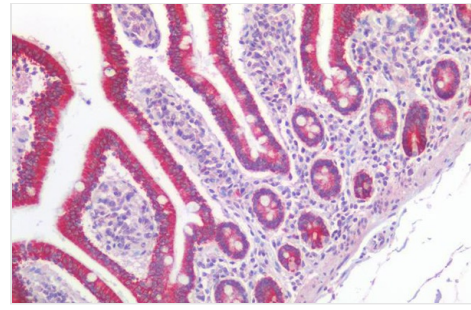


IHC (Immunohistochemistry)

TJP1/ZO-1 Antibody-Human Colon: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
TJP1/ZO-1 Antibody-Human Testis: Formalin-Fixed, Paraffin-Embedded (FFPE)



IHC (Immunohistochemistry)
TJP1/ZO-1 Antibody-Human Small Intestine: Formalin-Fixed, Paraffin-Embedded (FFPE)

ADDITIONAL INFORMATION

Related Product Information for anti-TJP1 antibody	ZO-1 antibody is an unconjugated rabbit polyclonal antibody to ZO-1 (TJP1) from human. Validated for IHC. TJP1 (Tight junction protein-1, Zonula occludens-1, ZO-1) is a scaffold protein involved in tight junction assembly, anchoring and stabilization. It functions in cell-cell junction signal transduction and in the regulation of cell migration by targeting CDC42BPB to the leading edge of migrating cells. TJP1 is upregulated in and drug-resistant multiple myeloma, and is associated with a higher risk subset of cancers. TJP1 has been found to be upregulated in drug-resistant tumors. In immunohistochemistry of normal tissue, TJP1 has membranous positivity in endothelial cells, glandular epithelia, renal glomeruli, sertoli cells, and is expressed in most tissues throughout the body.
References	The UniProt Consortium. Nucleic Acids Res. 47: D506-515 (2019); Nucleic Acids Res. 2016 Jan 4;44(D1):D733-45, PMID:26553804; Oncoscience. 2017 Jul; 4(7-8): 79 -94, PMID: 28966941

NCBI AND UNIPROT INFORMATION

NCBI GI #	116875767
NCBI GeneID	7082
NCBI Accession #	NP_003248.3
NCBI GenBank Nucleotide #	NM_003257
UniProt Accession #	Q07157; Q2NKP3; Q4ZGJ6; B4E3K1
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.