

Rabbit ZO1 Polyclonal Antibody | anti-ZO1 antibody

ZO1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312130	Rabbit	Human, Mouse, Rat	Immunohistochemistry, Immunocytochemistry

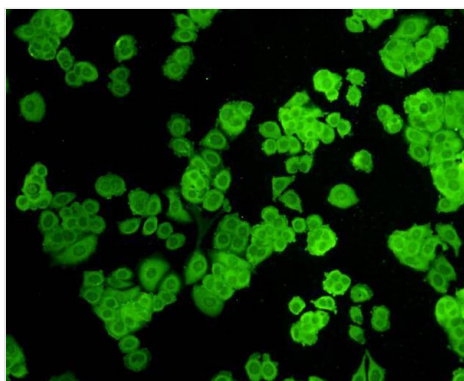
PRODUCT SYNONYMS

ZO1; Polyclonal Antibody; ZO1 Antibody; Tight junction protein 1 antibody; Tight junction protein ZO-1 antibody; Tight junction protein ZO1 antibody; TJP1 antibody; zo-1 antibody; Zo1 antibody; ZO1_HUMAN antibody; Zona occludens 1 antibody; Zona occludens 1 protein antibody; Zona occludens protein 1 antibody; Zonula occludens 1 protein antibody; Zonula occludens protein 1 antibody; anti-ZO1 antibody

PRODUCT SPECIFICATIONS

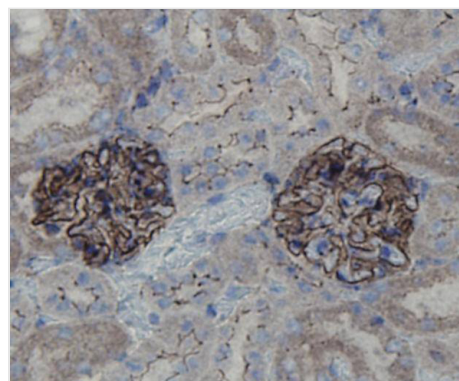
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ZO1 antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



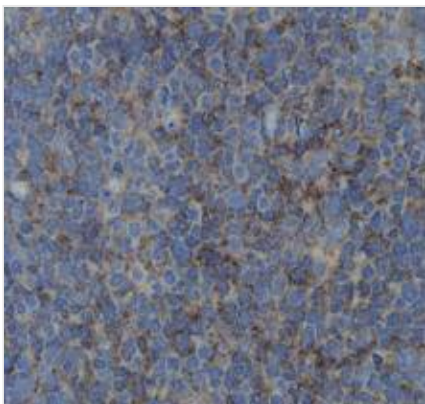
ICC (Immunocytochemistry)

ICC staining ZO1 in MCF-7 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-ZO1 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)
Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-ZO1 antibody. Counter stained with hematoxylin.

ADDITIONAL INFORMATION

Related Product Information for anti-ZO1 antibody	Tight junction protein ZO-1 is a protein that in humans is encoded by the TJP1 gene. This gene encodes a protein located on a cytoplasmic membrane surface of intercellular tight junctions. 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. ZO1 plays a role in the regulation of cell migration by targeting CDC42BPB to the leading edge of migrating cells.
Product Categories/Family for anti-ZO1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	85700443
NCBI GeneID	7082
UniProt Accession #	Q07157; Q2NKP3; Q4ZGJ6; B4E3K1
Molecular Weight	1748
NCBI Official Full Name	Tight junction protein ZO-1
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.