

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

ZO-1 Polyclonal Antibody

CATALOG # AAA13861	HOST Goat	REACTIVITY Reacts against Human, Rat, Mouse, Canine and Monkey proteins.	APPLICATIONS Western Blot, Immunofluorescence, Immunohistochemistry
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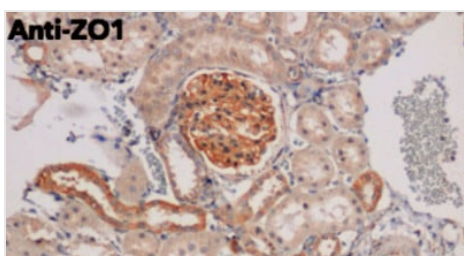
PRODUCT SYNONYMS

ZO-1; Polyclonal Antibody; ZO-1 Polyclonal Antibody; ZO-1 and zona occludens protein 1 antibody; anti-ZO-1 antibody

PRODUCT SPECIFICATIONS

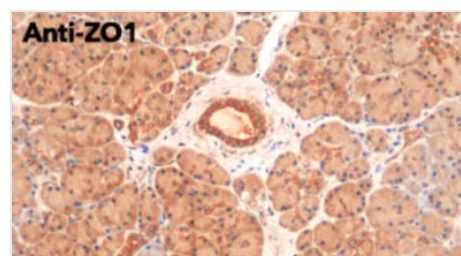
Host	Goat
Reactivity	Reacts against Human, Rat, Mouse, Canine and Monkey proteins.
Clonality	Polyclonal
Specificity	Detects endogenous levels of total ZO-1 by Western blot in whole cell and tissue lysates.
Purity/Purification	Epitope-affinity purified from goat antiserum
Form/Format	Polyclonal antibody supplied as a 200 ul (3 mg/ml) aliquot in PBS, 20% glycerol and 0.05% sodium azide.
Applicable Applications for anti-ZO-1 antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Application Notes	Western blot: 1:500-1:2,000 Immunofluorescence: 1:50-1:250 Immunohistochemistry (paraffin): 1:200-1:1000 Immunohistochemistry (frozen): 1:200-1:1000 Special instructions: The antibody solution should be gently mixed before use. Avoid freeze/thaw cycles..
Immunogen	Purified recombinant peptide derived from within residues 1580 aa to the C-terminus of human ZO-1 produced in E. coli.
Preparation and Storage	For continuous use, store at 2-8°C for one-two days. For extended storage, store in -20°C freezer. Working dilution samples should be discarded if not used within 12 hours.

IMAGES



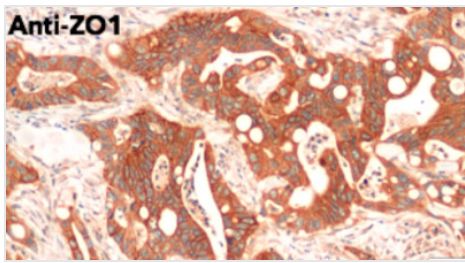
IHC (Immunohistochemistry)

IHC of Mouse kidney using ZO1 antibody and FFPE tissue after heat-induced retrieval. Anti-ZO1 Ab at 1:750/DAB detection.



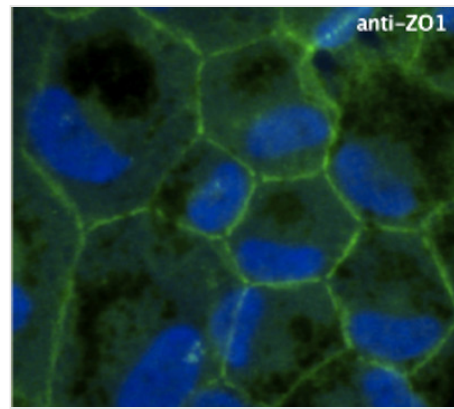
IHC (Immunohistochemistry)

IHC of human pancreas using ZO1 antibody and FFPE tissue after heat-induced antigen retrieval Anti-ZO1 Ab at 1:750/DAB detection.



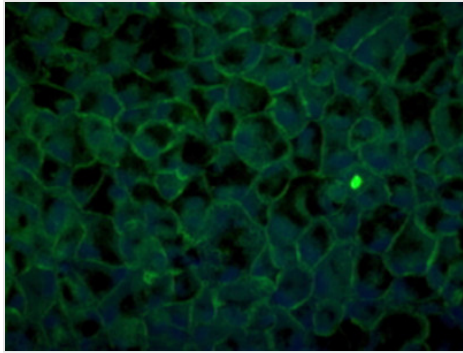
IHC (Immunohistochemistry)

IHC of human pancreas using ZO1 antibody and FFPE tissue after heat-induced antigen retrieval Anti-ZO1 Ab at 1:750/DAB detection.



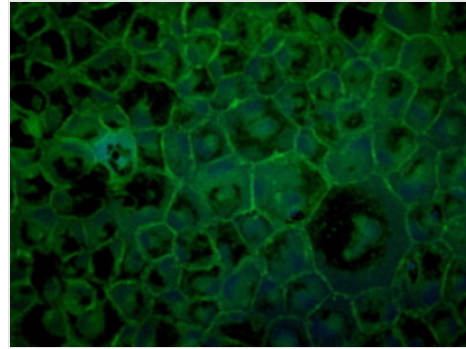
IF (Immunofluorescence)

Immunofluorescence of primary RPE cells with ZO1 Ab at 1/100 dilution.



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Immunofluorescence of primary RPE cells with ZO1 Ab at 1/100 dilution.



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Immunofluorescence of primary RPE cells with ZO1 Ab at 1/100 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ZO-1 antibody

Goat polyclonal to TJPI tight Junction protein 1 (TJP1). TJPI is located on a cytoplasmic membrane surface of intercellular tight junctions and may be involved in signal transduction at cell-cell junctions.

NCBI AND UNIPROT INFORMATION

NCBI GI #	303710
NCBI GeneID	21872
UniProt Accession #	P39447; E9QK00
NCBI Official Full Name	ZO-1
NCBI Official Synonym Full Names	tight junction protein 1
NCBI Official Symbol	Tjp1
NCBI Official Synonym Symbols	ZO1
NCBI Protein Information	tight junction protein ZO-1; zona occludens protein 1; zonula occludens protein 1
UniProt Protein Name	Tight junction protein ZO-1
UniProt Gene Name	Tjp1
UniProt Synonym Gene Names	Zo1
UniProt Entry Name	ZO1_MOUSE

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/zo-1-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/13861>