

Rabbit anti-Human, Mouse ZO2 Polyclonal Antibody | anti-ZO2 antibody

ZO2 Antibody

CATALOG # AAA311945	HOST Rabbit	REACTIVITY Human, Mouse	APPLICATIONS Immunocytochemistry, Western Blot
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PRODUCT SYNONYMS

ZO2; Polyclonal Antibody; ZO2 Antibody; C9DUPq21.11 antibody; DFNA51 antibody; DUP9q21.11 antibody; Friedreich ataxia region gene X104 (tight junction protein ZO-2) antibody; MGC26306 antibody; PFIC4 antibody; Tight junction protein 2 antibody; Tight junction protein ZO 2 antibody; Tight junction protein ZO-2 antibody; TJP2 antibody; X104 antibody; ZO 2 antibody; ZO-2 antibody; ZO2 antibody; ZO2_HUMAN antibody; Zona occludens 2 antibody; Zona occludens protein 2 antibody; Zonula occludens protein 2 antibody; anti-ZO2 antibody

PRODUCT SPECIFICATIONS

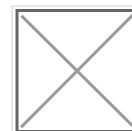
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ZO2 antibody	ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



ICC (Immunocytochemistry)

ICC staining ZO2 in A431 cells (green). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



WB (Western Blot)

Western blot analysis on cell lysates using anti-ZO2 rabbit polyclonal antibodies.

ADDITIONAL INFORMATION

Related Product Information for anti-ZO2 antibody	Tight junctions, or zona occludens, form a continuous barrier to fluids across the epithelium and endothelium. They function in regulation of paracellular permeability and in the maintenance of cell polarity, blocking the movement of transmembrane proteins between the apical and the basolateral cell surfaces. Zona occludens proteins ZO-1, -2, and -3 (also known as TJP1, 2, and 3) are peripheral membrane adaptor proteins that link junctional transmembrane proteins such as occludin and claudin to the actin cytoskeleton. ZO-1 and -2 are required for tight junction formation and function. In subconfluent proliferating cells, ZO-1 and ZO-2 have been shown to colocalize to the nucleus and play a role in transcriptional regulation, possibly through facilitating nuclear import/export of transcriptional regulators.
Product Categories/Family for anti-ZO2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	42518070
NCBI GeneID	9414
NCBI Accession #	NP_004808.2
NCBI GenBank Nucleotide #	NM_004817.3
UniProt Accession #	Q9UDY2; Q15883; Q5VXL0; Q5VXL1; Q8N756; Q8NI14; Q99839; A2A3H9; B7Z2R8; B7Z7T6; F5H301; F5H886
Molecular Weight	133,958 Da
NCBI Official Full Name	tight junction protein ZO-2 isoform 1
NCBI Official Synonym Full Names	tight junction protein 2
NCBI Official Symbol	TJP2
NCBI Official Synonym Symbols	ZO2; X104; PFIC4; DFNA51; DUP9q21.11; C9DUPq21.11
NCBI Protein Information	tight junction protein ZO-2; zona occludens 2; zonula occludens protein 2; Friedreich ataxia region gene X104 (tight junction protein ZO-2)
UniProt Protein Name	Tight junction protein ZO-2
UniProt Gene Name	TJP2
UniProt Synonym Gene Names	X104; ZO2
UniProt Entry Name	ZO2_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/zo2-antibody-immunocytochemistry-western-blot-elisa/311945>