

Rabbit anti-Mouse, Rat Zonula occludens protein 3 Polyclonal Antibody | anti-TJP3 antibody

Anti-Zonula occludens protein 3 antibody

CATALOG # AAA45416	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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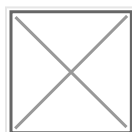
PRODUCT SYNONYMS

Zonula occludens protein 3; Polyclonal Antibody; Anti-Zonula occludens protein 3 antibody; Tight junction protein ZO-3; tight junction protein 3; Tight junction protein 3 antibody; Tight junction protein ZO-3 antibody; Tight junction protein ZO3 antibody; TJP3 antibody; ZO3 antibody; ZO3_HUMAN antibody; Zona occludens protein 3 antibody; Zonula occludens protein 3 antibody; anti-TJP3 antibody

PRODUCT SPECIFICATIONS

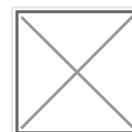
Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	905
Applicable Applications for anti-TJP3 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Zonula occludens protein 3 (885-905aa RARDVESSDDEGYDWGPATDL), identical to the related rat sequence.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



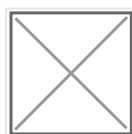
IHC (Immunohistochemisry)

Anti-Zonula occludens protein 3 antibody, AAA45416, IHC(P)IHC(P): Mouse Liver Tissue



IHC (Immunohiostchemistry)

Anti-Zonula occludens protein 3 antibody, AAA45416, IHC(P)IHC(P): Rat Intestine Tissue



WB (Western Blot)

Anti-Zonula occludens protein 3 antibody, AAA45416, Western blottingLane 1: Rat Brain Tissue LysateLane 2: Rat Heart Tissue Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-TJP3 antibody	Description: Rabbit IgG polyclonal antibody for Tight junction protein ZO-3(TJP3) detection. Tested with WB, IHC-P in Mouse, Rat. Background: TJP3(TIGHT JUNCTION PROTEIN 3), also called ZO3, is a protein that in humans is encoded by the TJP3 gene. TJP3 is a member of the family of membrane-associated guanylate kinase-like proteins(MAGUK) that associate with intracellular junctions(Itoh et al., 1999). Haskins et al.(1998) showed that recombinant Tjp3 binds in vitro translated Tjp1 and binds directly to the cytoplasmic tail of occludin but no binding was detected between Tjp3 and Tjp2. Roh et al.(2002) determined that Tjp3 interacted with PATJ(INADL) and that both proteins colocalized to tight junctions in vivo. In vitro studies showed that the sixth and eighth PDZ domains of PATJ mediated interaction with the Tjp3 C-terminal domain and with Cldn1, respectively.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	12230849
NCBI GeneID	27375
UniProt Accession #	Q9QXY1
Molecular Weight	99,324 Da
NCBI Official Full Name	Tight junction protein ZO-3
NCBI Official Synonym Full Names	tight junction protein 3
NCBI Official Symbol	Tjp3
NCBI Protein Information	tight junction protein ZO-3; zona occludens protein 3; zonula occludens protein 3
UniProt Protein Name	Tight junction protein ZO-3
UniProt Gene Name	Tjp3
UniProt Synonym Gene Names	Zo3
UniProt Entry Name	ZO3_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.