BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-Zonula occludens protein 3/TJP3 Antibody Picoband®

Catalog Number: PA1973

About Tjp3

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.

Submit a product review to Biocompare.com





Submit a review of this product to Biocompare.com to receive a $20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.

Overview

Product Name	Anti-Zonula occludens protein 3/TJP3 Antibody Picoband®
Reactive Species	Mouse, Rat
Description	Boster Bio Anti-Zonula occludens protein 3/TJP3 Antibody catalog # PA1973. Tested in IHC, WB applications. This antibody reacts with Mouse, Rat. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Application	IHC, WB
Clonality	Polyclonal
Formulation	Each vial contains antibody formulated with stabilizing components, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3. *This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	Store at -20˚C for one year from date of receipt. After reconstitution, at 4˚C for one month. It can also be aliquotted and stored frozen at -20˚C for six months. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q9QXY1

BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Technical Details

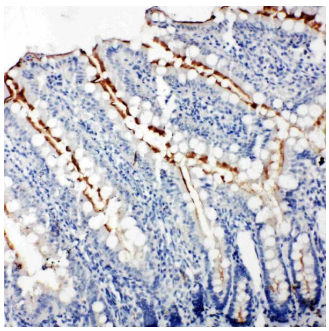
Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse Zonula occludens protein 3, identical to the related rat sequence.
Recommended Detection Systems	Boster recommends Enhanced Chemiluminescent Kit with anti-Rabbit IgG (EK1002) for Western blot, and HRP Conjugated anti-Rabbit IgG Super Vision Assay Kit (SV0002-1) for IHC(P).
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Lyophilized
Concentration	Adding 0.2 ml of distilled water will yield a concentration of 500 ug/ml.
Purification	Immunogen affinity purified.
Suggested Dilutions	Immunohistochemistry (Paraffin-embedded Section), 0.5-1ug/ml, Mouse, Rat Western blot, 0.1-0.5ug/ml, Rat, Mouse

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

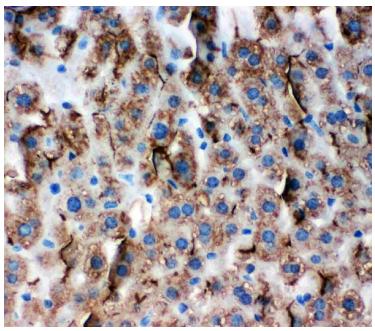
Anti-Zonula occludens protein 3/TJP3 Antibody Picoband® (PA1973) Images



Anti-Zonula occludens protein 3 antibody, PA1973, Western blottingLane 1: Rat Brain Tissue LysateLane 2: Rat Heart Tissue Lysate



Anti-Zonula occludens protein 3 antibody, PA1973, IHC(P)IHC(P): Rat Intestine Tissue



Anti-Zonula occludens protein 3 antibody, PA1973, IHC(P)IHC(P): Mouse Liver Tissue

Anti-Zonula occludens protein 3/TJP3 Antibody

For Research Use Only. Not for use in diagnostic procedures.