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Research Use Only. Not for diagnostic or therapeutic use.

EB09206 - Goat Anti-ZO-1 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: TJP1 antibody, tight junction protein 1 (zona occludens 1) antibody, DKFZp686M05161 antibody, MGC133289 antibody, ZO-1 antibody,

OTTHUMP00000174520 antibody, tight junction protein 1 antibody, tight junction protein ZO-1 antibody, zona occludens 1 antibody, zonula occludens 1 protein antibody **Official Symbol:** TJP1

Accession Number(s): NP_003248.3; NP_783297.2

Human GeneID(s): 7082

Important Comments: This antibody is expected to recognize both reported isoforms (NP_003248.3; NP_783297.2)

Immunogen

Peptide with sequence C-PKPTSQNQFSEHDKT, from the internal region of the protein sequence according to NP_003248.3; NP_783297.2.

Please note the peptide is available for sale.

Purification and Storage

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

Aliquot and store at -20°C. Minimize freezing and thawing.

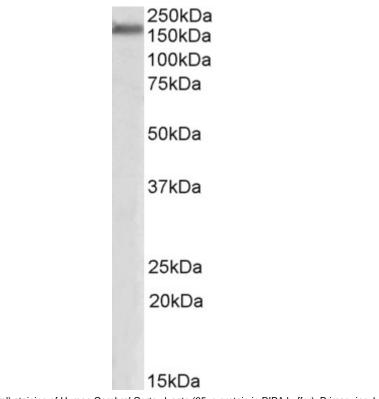
Applications Tested

Peptide ELISA: antibody detection limit dilution 1:128000.

Western blot: Approx 170kDa band observed in Human Brain (Cerebral Cortex) lysates (calculated MW of 187kDa according to NP_783297.2). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human Expected from sequence similarity: Human



EB09206 (0.3µg/ml) staining of Human Cerebral Cortex lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.