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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-PKPTSQNFSEHDKT, 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 (0.3 μ g/ml) staining of Human Cerebral Cortex lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.