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EB05529 - Goat Anti-Claudin 14 / CLDN14 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CLDN14, claudin 14, DFNB29, OTTHUMP00000109046, OTTHUMP00000109047, OTTHUMP00000109048, OTTHUMP00000109049

Official Symbol: CLDN14

Accession Number(s): NP_036262.1

Human GeneID(s): 23562

Non-Human GenelD(s): 56173 (mouse)

Important Comments: Reported variants represent identical protein (NP_036262.1;

NP_652763.1; NP_001139551.1; NP_001139550.1 and NP_001139549.1).

Immunogen

Peptide with sequence C-SATHSGYRLNDYV, from the C Terminus of the protein sequence according to NP_036262.1.

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 1:4000.

Western blot: Approx 23kDa band observed in Human Liver Lysate (calculated MW of 25.7kDa according to NP_652763.1). Recommended concentration: 0.3-1µg/ml.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Dog, Pig, Cow

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

EB05529 (0.3 μ g/ml) staining of Human Liver lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.