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**Research Use Only. Not for
diagnostic or therapeutic use.**

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 GeneID(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



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