

Goat anti-Claudin 14 / CLDN14 Antibody

Item Number	dAP-0483
Target Molecule	Principle Name: Claudin 14 / CLDN14; Official Symbol: CLDN14; All Names and Symbols: CLDN14; claudin 14; DFNB29; OTTHUMP00000109046; OTTHUMP00000109047; OTTHUMP00000109048; OTTHUMP00000109049; Accession Number (s): NP_036262.1; Human Gene ID(s): 23562; Non-Human GenID(s): 56173 (mouse)
Immunogen	SATHSGYRLNDYV, is from C Terminus Reported variants represent identical protein (NP_036262.1; NP_652763.1; NP_001139551.1; NP_001139550.1 and NP_001139549.1).
Applications	Pep ELISA, WB Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	Lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 4000.
Western Blot	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.
IHC	
Reference	Reference(s): Wilcox ER, Burton QL, Naz S, Riazuddin S, Smith TN, Ploplis B, Belyantseva I, Ben-Yosef T, Liburd NA, Morell RJ, Kachar B, Wu DK, Griffith AJ, Riazuddin S, Friedman TB. Mutations in the gene encoding tight junction claudin-14 cause autosomal

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the end users! This product is sold for **Research Use Only**