

Goat anti-58KGolgi protein(Internal)/FTCD Antibody

Item Number	dAP-0535
Target Molecule	Principle Name: 58KGolgi protein(Internal)/FTCD; Official Symbol: FTCD; All Names and Symbols: FTCD; LCHC1; formiminotransferase cyclodeaminase; formimidoyltransferase cyclodeaminase; LC1 autoantigen; Accession Number (s): NP_006648.1; NP_996848.1; Human Gene ID(s): 10841; Non-Human GenID(s):
Immunogen	CLREQGRGKDQPGRL, is from internal region Variants (NP_006648.1; NP_996848.1) encode the same protein.
Applications	Pep ELISA, WB, IHC 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 64000.
Western Blot	Western Blot: Approx 55kDa band observed in Human Liver lysates (calculated MW of 58.9kDa according to NP_006648 and NP_996848). Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour.
IHC	Immunohistochemistry: In paraffin embedded Human Liver shows distinct staining of membranes and cytoplasm in a selection of hepatocytes. Recommended concentration: 3-5µg/ml.
Reference	Reference(s): Bloom GS, Brashear TA. A novel 58-kDa protein associates with the Golgi apparatus and microtubules. <i>J Biol Chem.</i> 1989 Sep 25;264(27):16083-92. PMID: 2777777 ->

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**