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

EB06443-T - Goat Anti-58KGolgi protein(Internal)/FTCD Antibody - Trial

Size: 20µg specific antibody in 40µl



Target Protein

Principal Names: FTCD, LCHC1, formiminotransferase cyclodeaminase, formimidoyltransferase cyclodeaminase, LC1 autoantigen

Official Symbol: FTCD

Accession Number(s): NP_006648.1; NP_996848.1

Human GeneID(s): [10841](#)

Important Comments: Variants (NP_006648.1; NP_996848.1) encode the same protein.

Immunogen

Peptide with sequence CLREQGRGKDQPGRL, from the internal region of the protein sequence according to NP_006648.1; NP_996848.1.

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 1:64000.

Western blot: Approx 55kDa band observed in Human Liver lysates (calculated MW of 58.9kDa according to NP_006648.1 and NP_996848.1). Recommended concentration: 0.03-0.1µg/ml. Primary incubation was 1 hour.

IHC: In paraffin embedded Human Liver shows distinct staining of membranes and cytoplasm in a selection of hepatocytes. Recommended concentration: 3-5µg/ml.

Species Reactivity

Tested: Human

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

EB06443 (0.1µg/ml) staining of Human Liver lysate (35µg protein in RIPA buffer). Detected by chemiluminescence.

EB06443 (3.8µg/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.