

### **International Office**

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# EB06442-B - Goat Anti-58K Golgi protein(N-Term)/FTCD, Biotinylated Antibody

Size: 100µg specific antibody in 200µl



## **Target Protein**

**Principal Names:** FTCD, formimidoyltransferase cyclodeaminase, LCHC1, formiminotransferase cyclodeaminase, formiminotransferase-cyclodeaminase

Official Symbol: FTCD

Accession Number(s): NP\_006648.1

Human GeneID(s): 10841

Non-Human GenelD(s): 14317 (mouse)

**Important Comments:** Reported variants represent identical protein: NP\_996848.1, NP\_006648.1 Reported variants represent identical protein: XP\_006724024.2,

XP\_011527739.1

## **Immunogen**

Peptide with sequence SQLVECVPNFSEGKNQ., from the N Terminus of the protein sequence according to NP\_006648.1.

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 58kDa band observed in Human Liver lysates (calculated MW of 58.9kDa according to NP\_006648.1). See non-biotinylated parental product's datasheet for further QC data. Recommended concentration: 1-3µg/ml.

### **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human, Mouse, Pig



Biotinylated EB06442 (1μg/ml) staining of Human Liver lysate (35μg protein in RIPA buffer), exactly mirroring its parental non-biotinylated product. Primary incubation was 1 hour. Detected by chemiluminescence, using streptavidin-HRP and using NAP blocker as a substitute for skimmed milk.