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

Storage: For long-term storage keep aliquots at -20°C. (Store no longer than 12 months at 4°C). Minimize freezing and thawing.

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

Size: 100µg specific antibody in 200µl



### Target Protein

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

**Official Symbol:** FTCD

**Accession Number(s):** NP\_006648.1; NP\_996848.1

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

**Non-Human GeneID(s):** 14317 (mouse)

**Important Comments:** Variants (NP\_006648.1; NP\_996848.1) encode the same protein.

### Immunogen

Peptide with sequence SQLVECVPNFSEGKNQ, from the N Terminus 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:** A 55-60kDa band observed in Human Liver lysate (calculated MW of 58.9kDa according to NP\_006648. Recommended concentration: 0.03-0.5µg/ml.

**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, Pig

### Specific References

The goat polyclonal antibody used in this paper was manufactured by us:

Schrage YM, Hameetman L, Szuhai K, Cleton-Jansen AM, Taminiu AH, Hogendoorn PC, Bovée JV.

Aberrant heparan sulfate proteoglycan localization, despite normal exostosin, in central chondrosarcoma.

Am J Pathol. 2009 Mar;174(3):979-88.

**PMID:** 19179614

The goat polyclonal antibody used in this paper was manufactured by us:

Zahn C, Jaschke A, Weiske J, Hommel A, Hesse D, Augustin R, Lu L, Hong W, Florian S, Scheepers A, Joost HG, Huber O, Schürmann A.

ADP-ribosylation factor-like GTPase ARFRP1 is required for trans-Golgi to plasma membrane trafficking of E-cadherin.

J Biol Chem. 2008 Oct 3;283(40):27179-88.

**PMID:** 18662990

The goat polyclonal antibody used in this paper was manufactured by us:  
Willems SM, Schrage YM, Baelde JJ, Briaire-de Bruijn I, Mohseny A, Sciot R, Bovée JV,  
Hogendoorn PC.

Myxoid tumours of soft tissue: the so-called myxoid extracellular matrix is heterogeneous  
in composition.

Histopathology. 2008 Mar;52(4):465-74.

**PMID:** 18315599

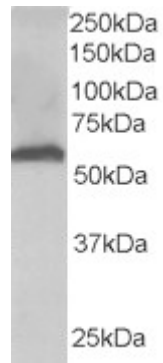
The goat polyclonal antibody used in this paper was manufactured by us:

Hagiwara H, Tajika Y, Matsuzaki T, Suzuki T, Aoki T, Takata K.

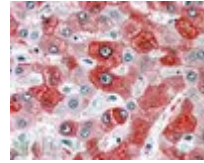
Localization of Golgi 58K protein (formiminotransferase cyclodeaminase) to the  
centrosome.

Histochem Cell Biol. 2006 Aug;126(2):251-9.

**PMID:** 16534631



EB06442 (0.03 $\mu$ g/ml) staining of Human Liver lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.



EB06442 (3.8 $\mu$ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.