



Everest Biotech Ltd  
Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD, United Kingdom

[everestbiotech.com](http://everestbiotech.com)

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel +44 1869 238326

Fax +44 1869 238327

**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.

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

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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 60kDa band observed in Human Liver lysates (calculated MW of 58.9kDa according to NP\_006648.1 and NP\_996848.1). Recommended concentration: 0.01-0.03µg/ml.

### Species Reactivity

**Tested:** Human

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

### Specific Reference

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. Epub 2006 Mar 14.

**PMID:** 16534631



EB06443 staining (0.01 $\mu$ g/ml) of Human Liver lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.