

UK Office

Everest Biotech Ltd

Cherwell Innovation Centre
77 Heyford Park
Upper Heyford
Oxfordshire
OX25 5HD
UK

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

EB08596 - Goat Anti-Cathepsin K Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: CTSK, cathepsin K, CTS02, CTSO, CTSO1, CTSO2, MGC23107, PKND, PYCD, cathepsin K (pseudodysostosis), cathepsin O1, cathepsin O2, cathepsin X

Official Symbol: CTSK

Accession Number(s): NP_000387.1

Human GeneID(s): [1513](#)

Immunogen

Peptide with sequence C-KTHRKQYNNKVDE, from the internal region (near N Terminus) of the protein sequence according to NP_000387.1.

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 1:16000.

Western blot: Approx 36kDa band observed in Human Lung and Human Ovary lysates (calculated MW of 37.0kDa according to NP_000387.1). Recommended concentration: 1-3µg/ml.

Enzyme immunoassay: Anonymous customer reported successful use in quantitative ELISA using the immunizing peptide for calibration,

Species Reactivity

Tested: Human

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

EB08596 (1µg/ml) staining of Human Lung lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.