



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.

## EB05873 - Goat Anti-CLPP Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** caseinolytic peptidase, ATP-dependent, proteolytic subunit, ClpP caseinolytic protease, ATP-dependent, proteolytic subunit homolog, ATP-dependent protease ClpAP, proteolytic subunit, human, ClpP caseinolytic peptidase, ATP-dependent, proteolytic subunit homolog (E. coli), ClpP (caseinolytic protease, ATP-dependent, proteolytic subunit, E. coli) homolog, ATP-dependent protease ClpAP (E. coli), proteolytic subunit, human, ATP-dependent proteolytic subunit E.coli homolog, ClpP caseinolytic protease, ATP-dependent, proteolytic subunit homolog (E. coli), CLPP

**Official Symbol:** CLPP

**Accession Number(s):** NP\_006003.1

**Human GeneID(s):** [8192](#)

### Immunogen

Peptide with sequence C-EAAPAAEPVPAST, from the C Terminus of the protein sequence according to NP\_006003.1.

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.

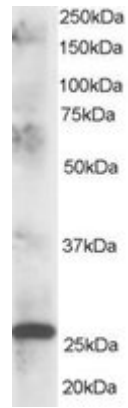
**Western blot:** Approx 27-30kDa band observed in human heart and skeletal muscle lysates (predicted MW of 32kDa according to NP\_006003). Recommended for use at 1-3µg/ml.

**IHC:** In paraffin embedded Human Liver shows patterned staining of hepatocyte cytoplasm. Recommended concentration, 2-4µg/ml.

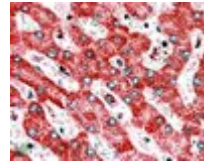
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB05873 staining (1 $\mu$ g/ml) of human muscle lysate (RIPA buffer, 35 $\mu$ g total protein per lane). Primary incubated for 1 hour. Detected by western blot using chemiluminescence.



EB05873 (2.5 $\mu$ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.