

## UK Office

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

## EB05873 - Goat Anti-CLPP Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

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

**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 1:1000.

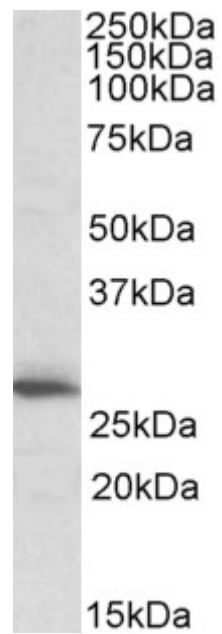
**Western blot:** Approx 26kDa band observed in Human Heart (calculated MW of 30.2kDa according to NP\_006003.1). Recommended for use at 1-3µg/ml.

**IHC:** In paraffin embedded Human Liver shows cytoplasmic staining consistent with mitochondria in hepatocytes. Recommended concentration, 2-4µg/ml.

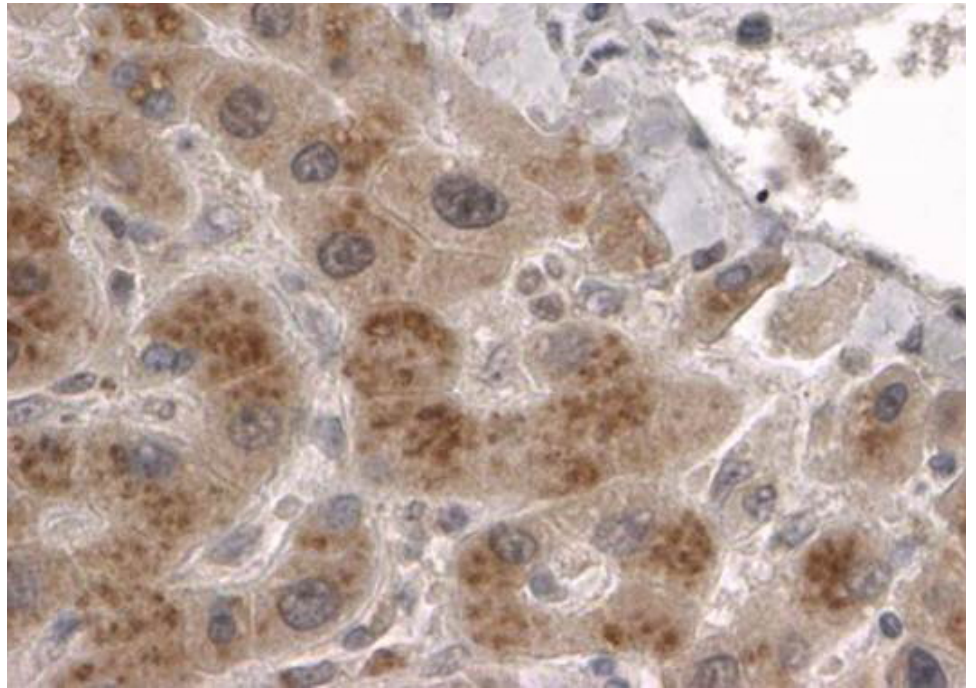
### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB05873 (1 $\mu$ g/ml) staining of Human Heart lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour.  
Detected by chemiluminescence.



EB05873 (2 $\mu$ g/ml) staining of paraffin embedded Human Liver. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.