

#### **International Office**

#### **Everest Biotech Ltd**

Vector Laboratories, Inc. 6737 Mowry Ave Newark, CA 94560 United States

**Customer Service:** 

customerservice@vectorlabs.com

Technical Service:

technical@vectorlabs.com

Tel: +1 (800) 227-6666

www.everestbiotech.com

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 mitochondrai in hepatocytes. Recommended concentration, 2-4µg/ml.

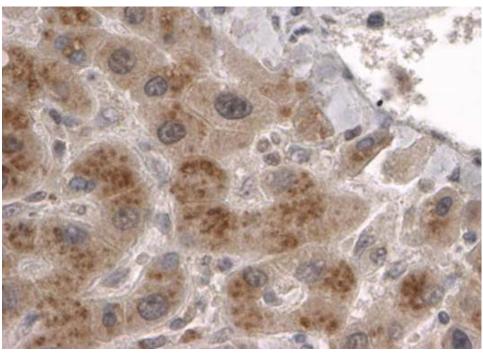
# **Species Reactivity**

Tested: Human

Expected from sequence similarity: Human

250kDa 150kDa 100kDa 75kDa 50kDa 37kDa 25kDa 20kDa

15kDa
EB05873 (1μg/ml) staining of Human Heart lysate (35μg protein in RIPA buffer). Primary incubation was 1 hour.
Detected by chemiluminescence.



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