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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

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

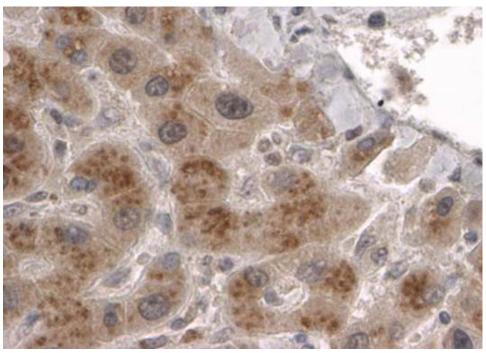
Species Reactivity

Tested: Human

Expected from sequence similarity: Human

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

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.