



Goat anti-CLPP Antibody

Item Number	dAP-0408
Target Molecule	Principle Name: CLPP; Official Symbol: CLPP; All Names and Symbols: 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, prote; Accession Number (s): NP_006003.1; Human Gene ID(s): 8192; Non-Human GeneID(s):
Immunogen	EAAPAAEPVPAST, is from C Terminus
Applications	Pep ELISA, WB, IHC Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 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.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 1000.
Western Blot	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	Immunohistochemistry: In paraffin embedded Human Liver shows cytoplasmic staining consistent with mitochondria in hepatocytes. Recommended concentration, 2-4µg/ml.
Reference	Reference(s): Bross P, Andresen BS, Knudsen I, Kruse TA, Gregersen N. Human ClpP protease: cDNA sequence, tissue-specific expression and chromosomal assignment of the gene. FEBS Lett. 1995 Dec 18;377(2):249-52..PMID: 8543061 ->

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**