



## CLPB Antibody

CATALOG NUMBER: 46-646

### Specifications

<b>SPECIES REACTIVITY:</b>	Human
<b>TESTED APPLICATIONS:</b>	ELISA
<b>APPLICATIONS:</b>	ELISA: Antibody detection limit dilution 1:32,000. Western Blot: Approximately 50 kDa and 48 kDa in lysates of HeLa and HepG2 after 0.1 ug/mL antibody staining. Please note that currently we cannot find an explanation
<b>IMMUNOGEN:</b>	CLPB antibody was raised against a 14 amino acid synthetic peptide near the C-Terminus of CLPB.
<b>HOST SPECIES:</b>	Goat

### Properties

<b>PURIFICATION:</b>	CLPB antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
<b>PHYSICAL STATE:</b>	Liquid
<b>BUFFER:</b>	CLPB antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
<b>CONCENTRATION:</b>	500 ug/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and store at -20°C. Minimize freezing and thawing.
<b>CLONALITY:</b>	Polyclonal
<b>CONJUGATE:</b>	Unconjugated

### Additional Info

<b>ALTERNATE NAMES:</b>	CLPB, ClpB caseinolytic peptidase B homolog (E. coli), FLJ13152, HSP78, SKD3, suppressor of potassium transport defect 3
<b>ACCESSION NO.:</b>	NP_110440.1
<b>PROTEIN GI NO.:</b>	13540606
<b>OFFICIAL SYMBOL:</b>	CLPB
<b>GENE ID:</b>	81570

### Background

<b>REFERENCES:</b>	1) Satpute-Krishnan P, Langseth SX, Serio TR. Hsp104-dependent remodeling of prion complexes mediates protein-only inheritance. PLoS Biol. 2007 Jan;5(2):e24.
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