

GOAT ANTI-CLPB ANTIBODY

SKU: EB07768



SPECIFICATIONS

Formulation	Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.
Unit Size	100 µg
Storage Instructions	Aliquot and store at -20°C. Minimize freezing and thawing.
Synonym / Alias Names	CLPB ClpB caseinolytic peptidase B homolog (E. coli) FLJ13152 HSP78 SKD3 suppressor of potassium transport defect 3
Accession ID	NP_110440.1
Blocking Peptide	EBP07768
Immunogen	Peptide with sequence C-DKDSKTRRLDIRAP, from the C Terminus of the protein sequence according to NP_110440.1.
Peptide Sequence	C-DKDSKTRRLDIRAP
Purification Method	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Shipping Instructions	Refrigerated
Predicted Species	Human
Human Gene ID	81570
Product Grade	https://prod-vector-labs-pimcore-assets.s3.us-east-1.amazonaws.com/assets/products/image/aspiring_medium.png
ELISA Detection Limit	Antibody detection limit dilution 1:32000.
Western Blot	Preliminary experiments gave bands at approx 50kDa and 48kDa in lysates of HeLa and HepG2 after 0.1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the bands we observe given the calculated size of 78.7kDa according to NP_110440.1. Both detected bands were successfully blocked by incubation with the immunizing peptide (and BLAST results with the immunizing peptide sequence did not identify any other proteins to explain the additional bands). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

**Application
Type** Pep-ELISA

DOCUMENTS

- [Data Sheet](#)