abcam

Product datasheet

Anti-CLPX antibody ab123110

1 References 1 Image

Overview

Product name	Anti-CLPX antibody
Description	Rabbit polyclonal to CLPX
Host species	Rabbit
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human **Predicted to work with:** Mouse, Rat, Horse, Chicken, Guinea pig, Cow, Cat, Dog, Pig, Zebrafish
Immunogen	Synthetic peptide corresponding to a region within C terminal amino acids 576-625 (MFEVPNSDIV CVEVDKEVVE GKKEPGYIRA PTKESSEEEY DSGVEEEGWP) of Human CLPX (NP_006651). Run BLAST with ExPASy Run BLAST with NCBI
Positive control	293T cell lysate.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid repeated freeze / thaw cycles.
Storage buffer	Preservative: 0.09% Sodium azide Constituents: 2% Sucrose, PBS
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab123110 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

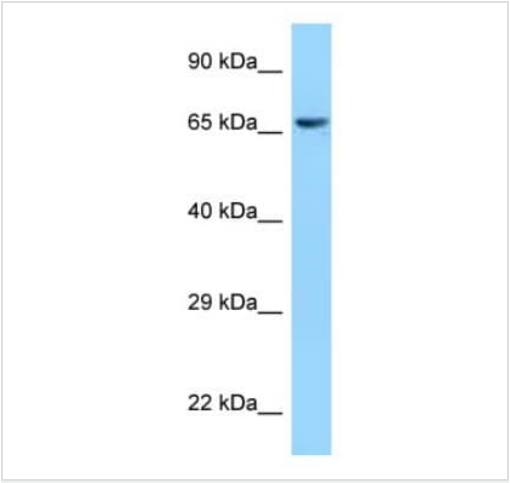
Application	Abreviews	Notes

Application	Abreviews	Notes
WB		Use a concentration of 1 µg/ml. Predicted molecular weight: 69 kDa. Good results were obtained when blocked with 5% non-fat dry milk in 0.05% PBS-T.

Target

Function	ATP-dependent specificity component of the Clp protease. It directs the protease to specific substrates. Can perform chaperone functions in the absence of clpP.
Tissue specificity	Higher expression in skeletal muscle and heart and to a lesser extent in liver, brain, placenta, lung, kidney and pancreas.
Sequence similarities	Belongs to the ClpX chaperone family.
Cellular localization	Mitochondrion.

Images



Western blot - Anti-CLPX antibody (ab123110)

Anti-CLPX antibody (ab123110) at 1 µg/ml + 293T cell lysate at 10 µg

Predicted band size: 69 kDa

Gel concentration 12%

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit **https://www.abcam.com/abpromise** or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors