

Rabbit anti-Human CLPX Polyclonal Antibody | anti-CLPX antibody

Anti-CLPX Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265302	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

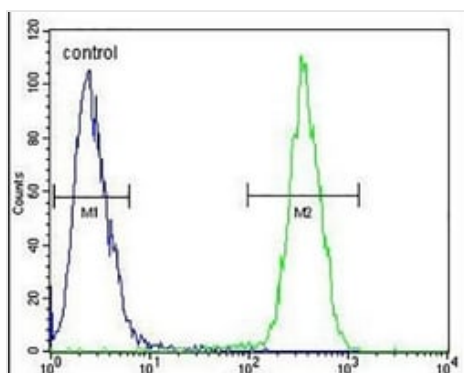
PRODUCT SYNONYMS

CLPX; Polyclonal Antibody; Anti-CLPX Antibody; anti-CLPX antibody

PRODUCT SPECIFICATIONS

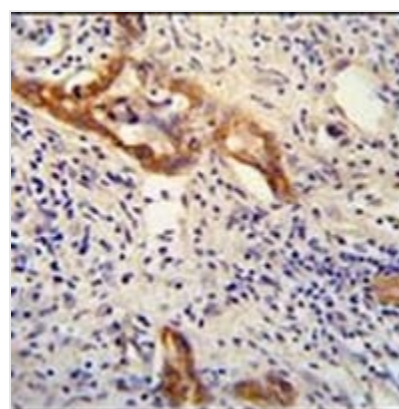
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of CLPX protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH7.3, 30% glycerol, and 0.01% sodium azide.
Applicable Applications for anti-CLPX antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the C-terminal region of human CLPX. The exact sequence is proprietary.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



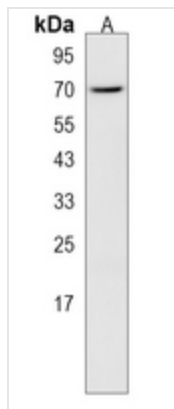
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of 293 cells using Anti-CLPX Antibody. The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody at 37 °C for 60 min. The secondary antibody Goat Anti-Rabbit IgG (H&L) - AF488 was incubated at 37 °C for 40 min. Isotype control antibody (blue line) was used under the same condition.



IHC (Immunohistochemistry)

Immunohistochemical analysis of CLPX staining in human hepatocarcinoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of CLPX expression in human heart (A) whole cell lysates. (Predicted band size: 69 kD; Observed band size: 70 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-CLPX antibody	Rabbit polyclonal antibody to CLPX
Product Categories/Family for anti-CLPX antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	7242140
NCBI GeneID	10845
NCBI Accession #	NP_006651.2
NCBI GenBank Nucleotide #	NM_006660.3
UniProt Accession #	O76031; Q9H4D9; A1L428; A8K8F1; B9EGI8
Molecular Weight	69,224 Da
NCBI Official Full Name	ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial
NCBI Official Synonym Full Names	caseinolytic mitochondrial matrix peptidase chaperone subunit
NCBI Official Symbol	CLPX
NCBI Protein Information	ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial; ClpX caseinolytic protease X homolog; ClpX caseinolytic peptidase X homolog; energy-dependent regulator of proteolysis
UniProt Protein Name	ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial
UniProt Gene Name	CLPX
UniProt Entry Name	CLPX_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/clpx-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/265302>