

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

CLPX Antibody

CATALOG # AAA310376	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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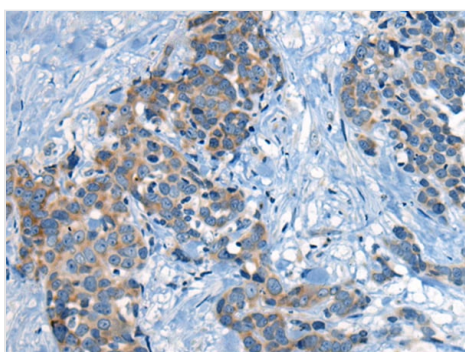
PRODUCT SYNONYMS

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

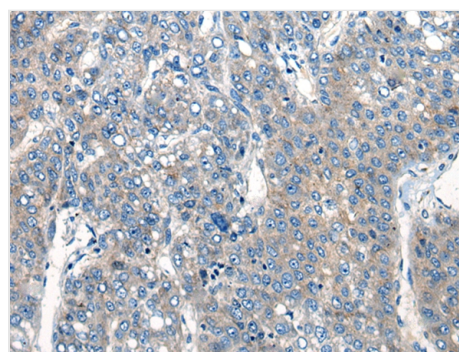
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	The antibody detects endogenous levels of total CLPX protein.
Purity/Purification	Antigen affinity purification
Form/Format	In pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol.
Concentration	0.6mg/ml (varies by lot)
Sequence Length	633
Applicable Applications for anti-CLPX antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Synthetic peptide corresponding to residues near the C terminal of human CLPX
Immunogen Type	Peptide
Preparation and Storage	Store at -20 degree C.

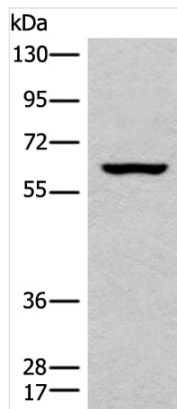
IMAGES


IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using 46518(CLPX Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)


IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using 46518(CLPX Antibody) at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



SDS-PAGE

Gel: 8%SDS-PAGE lysate: 40 µg, Lane: 293T cell lysate, Primary antibody: 46518E[™]CLPX Antibody) at dilution 1/200 Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution, Exposure time: 1 minute

ADDITIONAL INFORMATION

Related Product Information for anti-CLPX antibody	The protein encoded by this gene is part of a protease found in mitochondria. This protease is ATP-dependent and targets specific proteins for degradation. The protease consists of two heptameric rings of the CLPP catalytic subunit sandwiched between two hexameric rings of the chaperone subunit encoded by this gene. Targeted proteins are unwound by this protein and then passed on to the CLPP subunit for degradation. Two transcript variants, one protein-coding and the other non-protein coding, have been found for this gene.
Product Categories/Family for anti-CLPX antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	7242140
NCBI GeneID	10845
NCBI Accession #	NP_006651
NCBI GenBank Nucleotide #	NM_006660.4
UniProt Accession #	O76031; Q9H4D9; A1L428; A8K8F1; B9EGI8
Molecular Weight	69 kDa
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
UniProt Protein Name	ATP-dependent Clp protease ATP-binding subunit clpX-like, mitochondrial
UniProt Gene Name	CLPX

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://www.aaabiotech.com/polyclonal/clpx-antibody-immunohistochemistry-western-blot-elisa/310376>