

CLPP Antibody (C-Terminus)
Goat Polyclonal Antibody
Catalog # ALS12445**Specification**

CLPP Antibody (C-Terminus) - Product Information

Application	IHC
Primary Accession	Q16740
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Calculated MW	30kDa KDa

CLPP Antibody (C-Terminus) - Additional Information**Gene ID** 8192**Other Names**

ATP-dependent Clp protease proteolytic subunit, mitochondrial, 3.4.21.92, Endopeptidase Clp, CLPP

Target/Specificity

Human CLPP.

Reconstitution & Storage

Store at -20°C. Minimize freezing and thawing.

Precautions

CLPP Antibody (C-Terminus) is for research use only and not for use in diagnostic or therapeutic procedures.

CLPP Antibody (C-Terminus) - Protein Information**Name** CLPP**Function**

Protease component of the Clp complex that cleaves peptides and various proteins in an ATP-dependent process. Has low peptidase activity in the absence of CLPX. The Clp complex can degrade CSN1S1, CSN2 and CSN3, as well as synthetic peptides (in vitro) and may be responsible for a fairly general and central housekeeping function rather than for the degradation of specific substrates (PubMed: [11923310](http://www.uniprot.org/citations/11923310), PubMed: [15522782](http://www.uniprot.org/citations/15522782)). Cleaves PINK1 in the mitochondrion (PubMed: [22354088](http://www.uniprot.org/citations/22354088)).

Cellular Location

Mitochondrion matrix

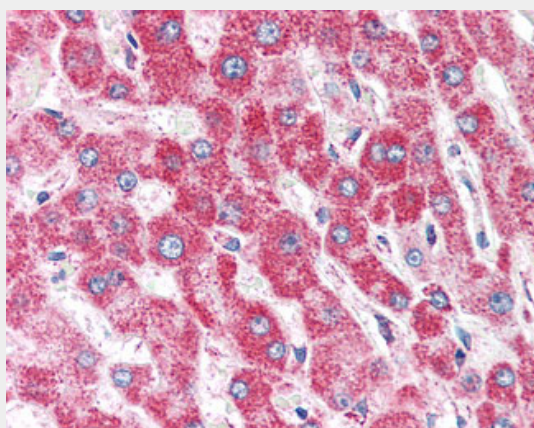
Tissue Location

Detected in liver (at protein level). Predominantly expressed in skeletal muscle. Intermediate levels in heart, liver and pancreas. Low in brain, placenta, lung and kidney

CLPP Antibody (C-Terminus) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CLPP Antibody (C-Terminus) - Images

Anti-CLPP antibody IHC of human liver.

CLPP Antibody (C-Terminus) - Background

Protease component of the Clp complex that cleaves peptides and various proteins in an ATP-dependent process. Has low peptidase activity in the absence of CLPX. The Clp complex can degrade CSN1S1, CSN2 and CSN3, as well as synthetic peptides (in vitro) and may be responsible for a fairly general and central housekeeping function rather than for the degradation of specific substrates.

CLPP Antibody (C-Terminus) - References

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Ota T., et al. Nat. Genet. 36:40-45(2004).
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