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CLPP Antibody (aa215-277)
Rabbit Polyclonal Antibody
Catalog # ALS17097

Specification

CLPP Antibody (aa215-277) - Product Information

Application	**IHC, WB**
Primary Accession	Q16740
Other Accession	8192
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Isotype	**IgG**
Calculated MW	**30180**

CLPP Antibody (aa215-277) - Additional Information

Gene ID 8192

Other Names
CLPP, Endopeptidase Clp

Target/Specificity
Human CLPP

Reconstitution & Storage
PBS, pH 7.0, 10% glycerol, 0.01% Thimerosal. Keep as concentrated solution. Aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.

Precautions
CLPP Antibody (aa215-277) is for research use only and not for use in diagnostic or therapeutic procedures.

CLPP Antibody (aa215-277) - 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, PubMed:15522782). Cleaves PINK1 in the mitochondrion (PubMed:22354088).

Cellular Location

Mitochondrion matrix

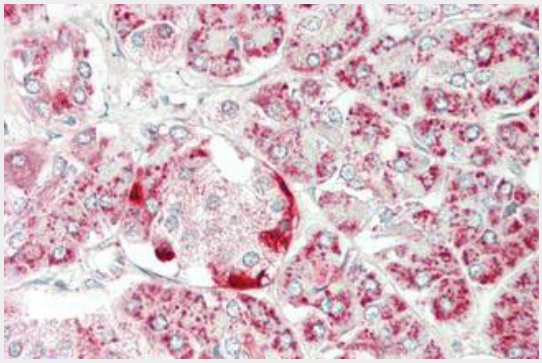
Tissue Location
Detected in liver (at protein level). Predominantly expressed in skeletal muscle. Intermediate levels in heart, liver and pancreas. Low in brain, placenta, lung and kidney

CLPP Antibody (aa215-277) - Protocols

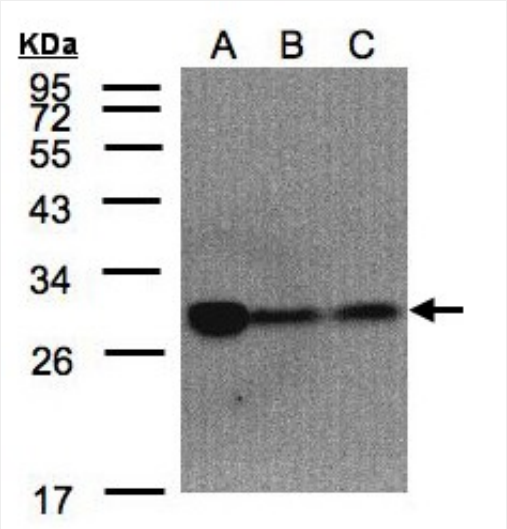
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

CLPP Antibody (aa215-277) - Images



Human Pancreas: Formalin-Fixed, Paraffin-Embedded (FFPE)



Sample (30 ug of whole cell lysate).

CLPP Antibody (aa215-277) - 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 (aa215-277) - References

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