

CLPP Rabbit mAb
Catalog # AP75272**Specification**

CLPP Rabbit mAb - Product Information

Application	WB, IP
Primary Accession	Q16740
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	30180

CLPP Rabbit mAb - Additional Information**Gene ID** 8192**Other Names**
CLPP**Dilution**
WB~~1/500-1/1000
IP~~N/A**Format**
50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% sodium azide and 0.05% BSA.**Storage**
Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.**CLPP Rabbit mAb - Protein Information****Name** CLPP ([HGNC:2084](#))**Function**
Protease component of the ClpXP complex that cleaves peptides and various proteins in an ATP-dependent process. Has low peptidase activity in the absence of CLPX. The ClpXP 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 Rabbit mAb - 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 Rabbit mAb - Images

