

## Summary

<b>Production Name</b>	CLPP (1P6) Rabbit Monoclonal Antibody
<b>Description</b>	Rabbit Monoclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Monoclonal
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
<b>Purification</b>	Affinity purification

## Immunogen

<b>Gene Name</b>	CLPP
<b>Alternative Names</b>	Endopeptidase Clp;
<b>Gene ID</b>	8192.0
<b>SwissProt ID</b>	Q16740.A synthetic peptide of human CLPP

## Application

<b>Dilution Ratio</b>	WB: 1:1000-1:5000
<b>Molecular Weight</b>	30kDa

## Background

Clp cleaves peptides in various proteins in a process that requires ATP hydrolysis. Clp may be responsible for a fairly

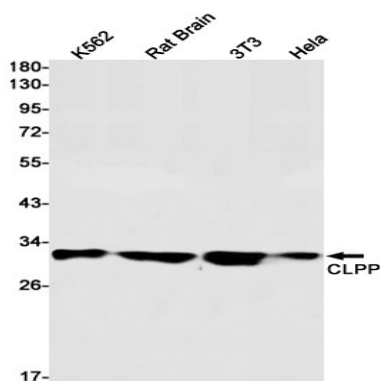
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**Catalog #: AMRe09063**



general and central housekeeping function rather than for the degradation of specific substrates. 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:<a href="http://www.uniprot.org/citations/11923310" target="\_blank">11923310</a>, PubMed:<a href="http://www.uniprot.org/citations/15522782" target="\_blank">15522782</a>). Cleaves PINK1 in the mitochondrion (PubMed:<a href="http://www.uniprot.org/citations/22354088" target="\_blank">22354088</a>).

## Research Area

## Image Data



Western blot detection of CLPP in K562,Rat Brain,3T3,HeLa cell lysates using CLPP antibody(1:1000 diluted).

## Note

For research use only.