CLPP Rabbit pAb

Catalog No	YP-Ab-18821
Isotype	IgG
Reactivity	Human,Mouse,Rat
Applications	WB
Gene Name	CLPP
Protein Name	Putative ATP-dependent Clp protease proteolytic subunit, mitochondrial (Endopeptidase Clp)
Immunogen	Synthesized peptide derived from human CLPP
Specificity	This antibody detects endogenous levels of CLPP at Human, Mouse
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-2000;
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	
Calculated Molecular Weight	30kD
Cell Pathway	Mitochondrion matrix .
Tissue Specificity	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.
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 . Cleaves PINK1 in the mitochondrion .
Background	
matters needing attention	Avoid repeated freezing and thawing!

Usage suggestions	This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images