

CLPP Rabbit mAb

Catalog No: #60019

Package Size: #60019-1 50ul #60019-2 100ul

Description

Product Name	CLPP Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF
Species Reactivity	Human Mouse Rat
Specificity	CLPP Antibody detects endogenous levels of total CLPP
Immunogen Description	A synthesized peptide derived from human CLPP
Other Names	Endopeptidase Clp;
Accession No.	Uniprot:Q16740
Calculated MW	Predicted band size: 30 kDa
SDS-PAGE MW	Observed band size: 26 kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

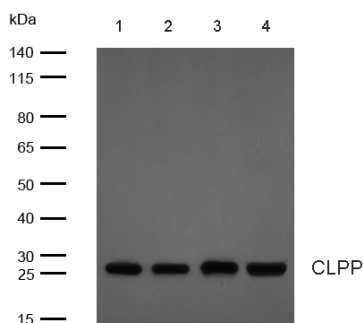
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: CLPP Rabbit mAb at 1/1k dilution

Lane 1 : Hela whole cell lysates Lane 2 : A431 whole cell lysates
Lane 3 : Mouse heart lysates Lane 4 : Rat heart lysates

Lysates/proteins at 20 µg per lane.

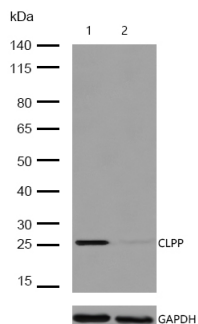
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 30 kDa

Observed band size: 26 kDa

Exposure time: 7 seconds

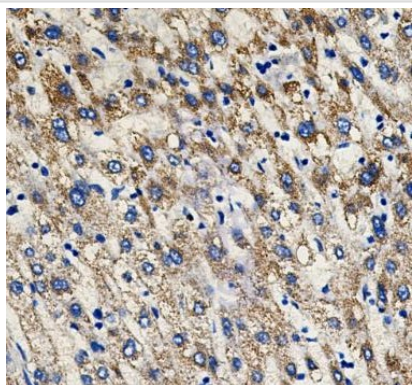


All lanes:CLPP Rabbit mAb at 1/1k dilution

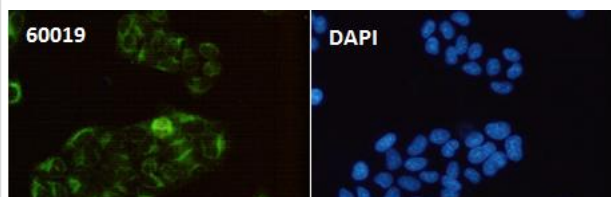
Lane 1 : Wild-type HAP1 cell lysate

Lane 2 :CLPP Rabbit mAb knockdown HAP1 cell lysate

Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human liver cancer tissue stained for CLPP using 60019 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence CLPP antibody (60019) ICC/IF staining of CLPP in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 60019 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei

were counterstained with DAPI.

Background

Clp cleaves peptides in various proteins in a process that requires ATP hydrolysis. Clp may be responsible for a fairly general and central housekeeping function rather than for the degradation of specific substrates.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.