

For Research Use Only

CLPP Recombinant monoclonal antibody

Catalog Number:87187-3-RR



Basic Information

Catalog Number:

87187-3-RR

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8325

GenBank Accession Number:

BC002956

GeneID (NCBI):

8192

UNIPROT ID:

Q16740

Full Name:

ClpP caseinolytic peptidase, ATP-dependent, proteolytic subunit homolog (E. coli)

Calculated MW:

30 kDa

Observed MW:

26 kDa

Purification Method:

Protein A purification

CloneNo.:

252470B7

Recommended Dilutions:

WB: 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HEK-293T cells, A549 cells, Saos-2 cells. A431 cells, K-562 cells, mouse heart tissue, rat heart tissue

Background Information

CLPP is the putative ATP-dependent Clp protease proteolytic subunit and also named as endopeptidase Clp. It belongs to the peptidase S14 family. Clp cleaves peptides in various proteins in a process that requires ATP hydrolysis. It may be responsible for a fairly general and central housekeeping function rather than for the degradation of specific substrates.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

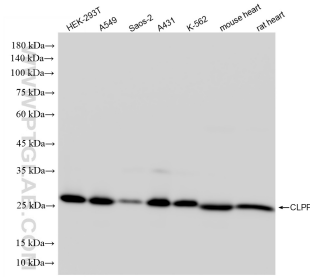
T: 4006900926

E: Proteintech-CN@ptglab.com

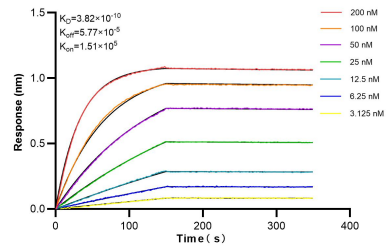
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87187-3-RR (CLPP antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 87187-3-RR against Human CLPP were performed. The affinity constant is 0.382 nM.