

For Research Use Only

HMGCL Recombinant antibody

Catalog Number: 84769-1-RR



Basic Information

Catalog Number:

84769-1-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG10426

GenBank Accession Number:

BC010570

GeneID (NCBI):

3155

UNIPROT ID:

P35914

Full Name:

3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase

Calculated MW:

325 aa, 34 kDa

Observed MW:

32 kDa

Purification Method:

Protein A purification

CloneNo.:

242224G10

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells, K-562 cells, A431 cells

Background Information

HMGCL (3-hydroxy-3-methylglutaryl-CoA lyase) is a key enzyme in ketogenesis (ketone body formation). It is a ketogenic enzyme in the liver that catalyzes the formation of acetoacetate from HMG-CoA within the mitochondria. It also plays a prominent role in the catabolism of the amino acid leucine.

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

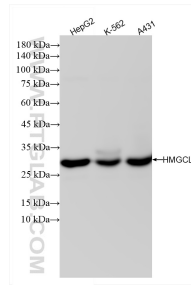
T: 4006900926

E: Proteintech-CN@ptglab.com

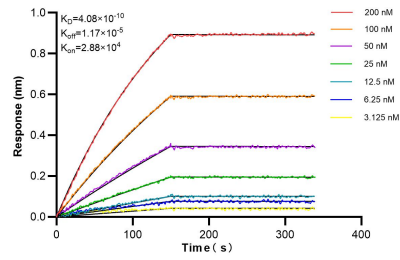
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84769-1-RR (HMGCL antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84769-1-RR against Human HMGCL were performed. The affinity constant is 0.408 nM.