

For Research Use Only

HMGCL Recombinant antibody

Catalog Number:84769-1-RR



Basic Information

Catalog Number: 84769-1-RR	GenBank Accession Number: BC010570	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 3155	CloneNo.: 242224G10
Source: Rabbit	UNIPROT ID: P35914	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: 3-hydroxymethyl-3-methylglutaryl-Coenzyme A lyase	
Immunogen Catalog Number: AG10426	Calculated MW: 325 aa, 34 kDa	
	Observed MW: 32 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells, K-562 cells, A431 cells
Species Specificity: human	

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

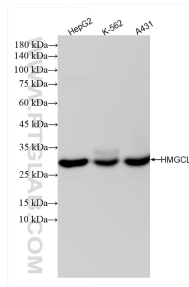
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

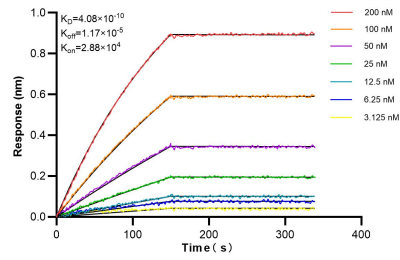
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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Selected Validation Data



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.