

For Research Use Only

# GLDC Recombinant antibody

Catalog Number: 86378-1-RR



## Basic Information

Catalog Number:	86378-1-RR	GenBank Accession Number:	BC111995	Purification Method:	Protein A purification
Size:	100ul, Concentration: 1000 µg/ml by Nanodrop;	GenID (NCBI):	2731	CloneNo.:	250916A5
Source:	Rabbit	UNIPROT ID:	P23378	Recommended Dilutions:	WB: 1:5000-1:50000
Isotype:	IgG	Full Name:	glycine dehydrogenase (decarboxylating)		
Immunogen Catalog Number:	AG20410	Calculated MW:	1020 aa, 113 kDa		
		Observed MW:	113 kDa		

## Applications

Tested Applications:	WB, ELISA	Positive Controls:
Species Specificity:	human, mouse, rat, monkey	WB: HepG2 cells, Vero cells, mouse liver tissue, rat liver tissue

## Background Information

GLDC(Glycine dehydrogenase [decarboxylating], mitochondrial) is also named as GCSP and belongs to the GcvP family. It induces dramatic changes in glycolysis and glycine/serine metabolism that leads to changes in pyrimidine metabolism to regulate cancer cell proliferation(PMID:22225612).

## Storage

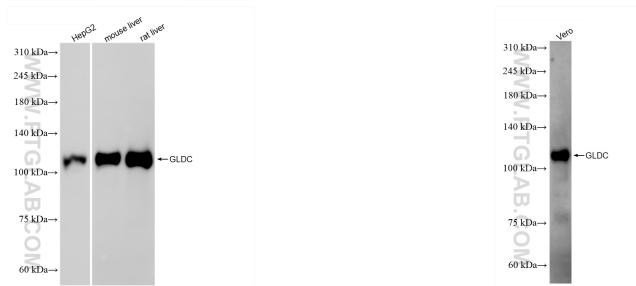
Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 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  
W: ptglab.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86378-1-RR (GLDC antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.

Vero cells were subjected to SDS PAGE followed by western blot with 86378-1-RR (GLDC antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.