

For Research Use Only

KHK Recombinant antibody

Catalog Number: 85386-1-RR



Basic Information

Catalog Number: 85386-1-RR	GenBank Accession Number: BC006233	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 3795	CloneNo.: 242745D5
Source: Rabbit	UNIPROT ID: P50053	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: ketoheokinase (fructokinase)	
Immunogen Catalog Number: AG8182	Calculated MW: 298 aa, 33 kDa	
	Observed MW: 33 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : mouse liver tissue, rat liver tissue, mouse kidney tissue, rat kidney tissue

Background Information

Ketoheokinase catalyzes conversion of fructose to fructose-1-phosphate, it is the first enzyme with a specialized pathway that catabolizes dietary fructose. Fructose metabolism seems to provide cancer cells with the supplementary fuel required for proliferation and metastasis.

Storage

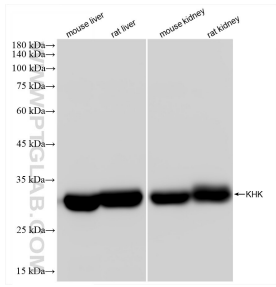
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

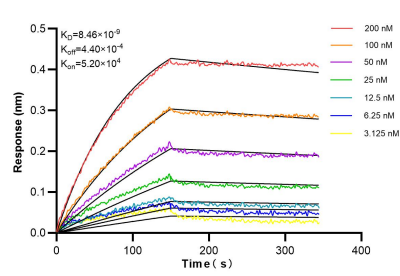
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85386-1-RR (KHK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 85386-1-RR against Human KHK were performed. The affinity constant is 8.46 nM.