

For Research Use Only

# KHK Recombinant antibody, PBS Only

Catalog Number: 85386-1-PBS



## Basic Information

Catalog Number:

85386-1-PBS

Concentration:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG8182

GenBank Accession Number:

BC006233

GeneID (NCBI):

3795

UNIPROT ID:

P50053

Full Name:

ketoheokinase (fructokinase)

Calculated MW:

298 aa, 33 kDa

Observed MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

242745D5

## Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

## 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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

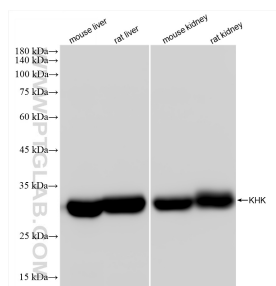
T: 4006900926

E: Proteintech-CN@ptglab.com

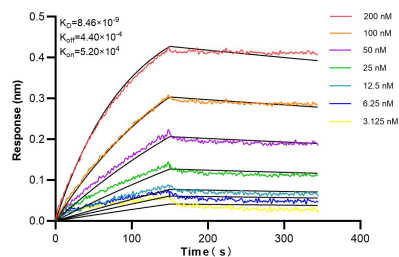
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 85386-1-RR (KHK antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85386-1-PBS in a different storage buffer formulation.



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