

For Research Use Only

# KHK Recombinant antibody

Catalog Number: 85386-1-RR



## Basic Information

Catalog Number:

85386-1-RR

Concentration:

1000  $\mu$ g/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

Recommended Dilutions:

WB 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

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

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

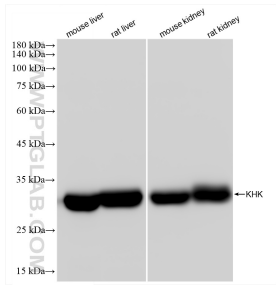
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

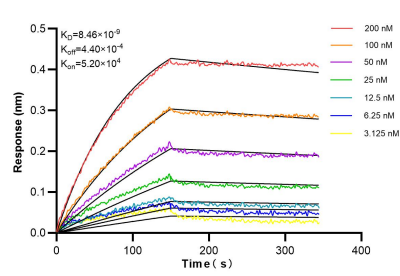
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## Selected Validation Data



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.