

For Research Use Only

# KHK Recombinant antibody, PBS Only

Catalog Number: 85386-1-PBS



## Basic Information

**Catalog Number:**

85386-1-PBS

**Size:**

100ug , Concentration: 1 mg/ml by Nanodrop;

**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.

**Storage Buffer:**

PBS Only

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

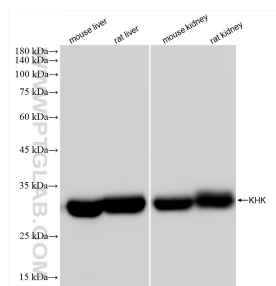
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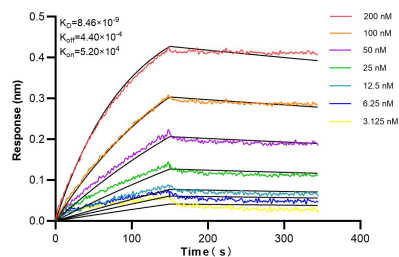
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## Selected Validation Data



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.