

For Research Use Only

# PRPS1 Recombinant antibody

Catalog Number: 86217-1-RR



## Basic Information

Catalog Number:

86217-1-RR

Size:

100ul , Concentration: 1000 µg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7907

GenBank Accession Number:

BC001605

GeneID (NCBI):

5631

UNIPROT ID:

P60891

Full Name:

phosphoribosyl pyrophosphate synthetase 1

Calculated MW:

318 aa, 35 kDa

Observed MW:

33 kDa

Purification Method:

Protein A purification

CloneNo.:

250201C1

Recommended Dilutions:

WB: 1:5000-1:50000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, HEK-293 cells, Jurkat cells, K-562 cells, U-87 MG cells, mouse kidney tissue

## Background Information

PRPS1, also named as Ribose-phosphate pyrophosphokinase 1, is a 318 amino acid protein, which belongs to the ribose-phosphate pyrophosphokinase family. PRPS1 can form Homodimer and the active form is probably a hexamer composed of 3 homodimers. PRPS1 catalyzes the synthesis of phosphoribosylpyrophosphate (PRPP) which is essential for nucleotide synthesis. PRPS1 as a module has an association with the Hepatocellular carcinoma.

## 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

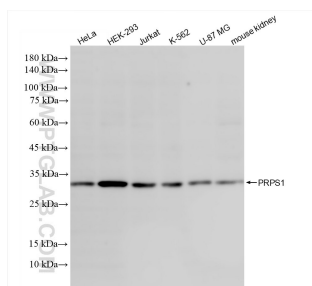
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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86217-1-RR (PRPS1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.