

# PRPS2 Rabbit pAb

Catalog No.: A12645 **1 Publications**

## Basic Information

### Observed MW

34kDa

### Calculated MW

35kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Rat

## Background

This gene encodes a phosphoribosyl pyrophosphate synthetase that plays a central role in the synthesis of purines and pyrimidines. The encoded protein catalyzes the synthesis of 5-phosphoribosyl 1-pyrophosphate from ATP and D-ribose 5-phosphate. Alternate splicing results in multiple transcript variants.

## Recommended Dilutions

WB 1:1000 - 1:3000

## Immunogen Information

### Gene ID

5634

### Swiss Prot

P11908

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-240 of human PRPS2 (NP\_002756.1).

### Synonyms

PRPSII; PRPS2

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

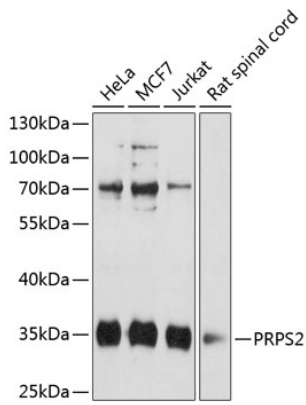
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of various lysates using PRPS2 Rabbit pAb (A12645) at 1:3000 dilution.  
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.