

# PRPS1 Rabbit Polyclonal Antibody



CAB8145

## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

35kDa

### Calculated MW:

27kDa/34kDa

### Applications:

WB

### Reactivity:

Human, Mouse, Rat

## Protein Background

This gene encodes an enzyme that catalyzes the phosphoribosylation of ribose 5-phosphate to 5-phosphoribosyl-1-pyrophosphate, which is necessary for purine metabolism and nucleotide biosynthesis. Defects in this gene are a cause of phosphoribosylpyrophosphate synthetase superactivity, Charcot-Marie-Tooth disease X-linked recessive type 5 and Arts Syndrome. Two transcript variants encoding different isoforms have been found for this gene.

## Immunogen information

### Gene ID:

5631

### Uniprot

P60891

### Synonyms:

PRPS1; ARTS; CMTX5; DFN2; DFNX1; PPRibP; PRS-I; PRSI

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:2000

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

### Immunogen:

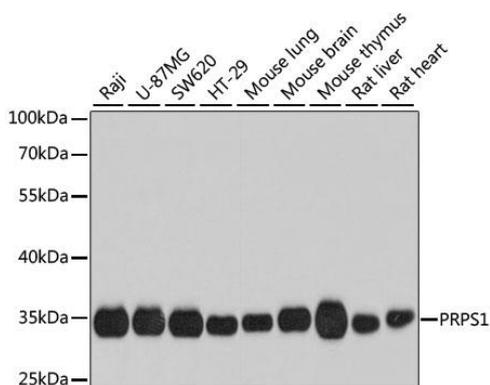
A synthetic peptide of human PRPS1

### Storage:

Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

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Western blot analysis of extracts of various cell lines, using PRPS1 antibody (CAB8145) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 40s.