

## PRPS1

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**Reactivity:**Human Mouse Rat

**Tested applications:**WB

**Recommended Dilution:**WB 1:500 - 1:2000

**Calculated MW:**35kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human PRPS1

**Storage Buffer:**

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

**Synonym:**

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

**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.

*To place an order, please [Click HERE](#).*

**Catalog #:**A8145

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**5631

**Isotype:**IgG

**Swiss Prot:**P60891

**Purity:**Affinity purification

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