

PRPS1

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;

Catalog #: A8145

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 5631

Isotype: IgG

Swiss Prot: P60891

Purity: Affinity purification

For research use only.

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.

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