

## MPI

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**Reactivity:**Human Rat

**Tested applications:**WB IHC IF

**Recommended Dilution:**WB 1:500 - 1:2000 IHC 1:50 - 1:200 IF 1:50 - 1:100

**Calculated MW:**47kDa

**Observed MW:**Refer to figures

**Immunogen:**

Recombinant protein of human MPI

**Storage Buffer:**

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

**Synonym:**

PMI; PMI1; CDG1B;

**Catalog #:**A7319

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**4351

**Isotype:**IgG

**Swiss Prot:**P34949

**Purity:**Affinity purification

For research use only.

**Background:**

Phosphomannose isomerase catalyzes the interconversion of fructose-6-phosphate and mannose-6-phosphate and plays a critical role in maintaining the supply of D-mannose derivatives, which are required for most glycosylation reactions. Mutations in the MPI gene were found in patients with carbohydrate-deficient glycoprotein syndrome, type Ib. Alternative splicing results in multiple transcript variants.

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