

MPI

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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