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Datasheet for ABIN7451179
anti-MPI antibody (AA 25-75)

Overview

Quantity:	100 µg
Target:	MPI
Binding Specificity:	AA 25-75
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPI antibody is un-conjugated
Application:	Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-MPI Antibody, Affinity Purified
Immunogen:	Between AA 25 and 75
Isotype:	IgG
Predicted Reactivity:	Chimpanzee
Purification:	Affinity Purified

Target Details

Target:	MPI
Alternative Name:	MPI (MPI Products)
Background:	Background: Phosphomannose isomerase catalyzes the interconversion of fructose-6-

Target Details

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 [taken from NCBI Entrez Gene (Gene ID: 4351)].

Gene ID: 4351

UniProt: [P34949](#)

Application Details

Application Notes: IP: 2 - 10 µg/mg lysate
WB: Not recommended. ABIN7451179 has not performed satisfactorily when used for WB of MPI in crude preparations (e.g. whole cell lysate). This antibody can be used for WB of enriched (e.g. immunoprecipitated) sources of MPI.

Restrictions: For Research Use only

Handling

Concentration: 1000 µg/mL

Buffer: Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C

Expiry Date: 12 months