MPU1 Rabbit pAb

CatalogNo: YN4223

Key Features

Host Species	Reactivity	Applications
• Rabbit	• Human,Mouse	• WB

MW	Isotype
• 27kD (Calculated)	• IgG

Recommended Dilution Ratios

WB 1:500-2000

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	Synthesized peptide derived from human MPU1 AA range: 164-214
Specificity	This antibody detects endogenous levels of MPU1 at Human/Mouse

Target Information

Gene name	MPDU1

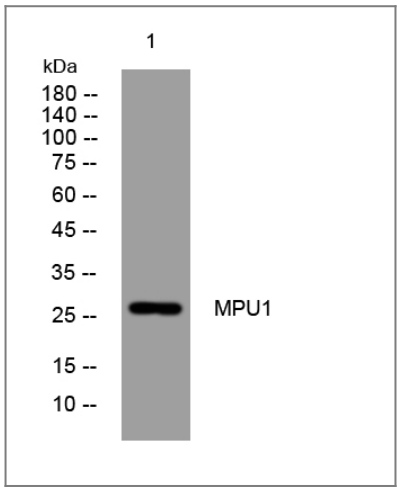
Protein Name MPU1

Organism	Gene ID	UniProt ID
Human	9526;	O75352;
Mouse		Q9R0Q9;

Cellular Localization Membrane ; Multi-pass membrane protein .

Function Disease:Defects in MPDU1 are the cause of congenital disorder of glycosylation type 1F (CDG1F) [MIM:609180]. CDGs are a family of severe inherited diseases caused by a defect in protein N-glycosylation. They are characterized by under-glycosylated serum proteins. These multisystem disorders present with a wide variety of clinical features, such as disorders of the nervous system development, psychomotor retardation, dysmorphic features, hypotonia, coagulation disorders, and immunodeficiency. The broad spectrum of features reflects the critical role of N-glycoproteins during embryonic development, differentiation, and maintenance of cell functions.,Function:Not known. May be involved in the synthesis of the sugar donor Dol-P-Man which is required in the synthesis of N-linked and O-linked oligosaccharides and for that of GPI anchors.,similarity:Belongs to the MPDU1 family.,similarity:Contains 2 PQ-loop domains.,

Validation Data



Western blot analysis of lysates from THP-1 cells, primary antibody was diluted at 1:1000, 4°over night

Contact information

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Please scan the QR code to access additional product information:
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