

GPT Rabbit pAb

CatalogNo: YN4210

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB

MW

- 45kD (Calculated)

Isotype

- 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 GPT AA range: 209-259

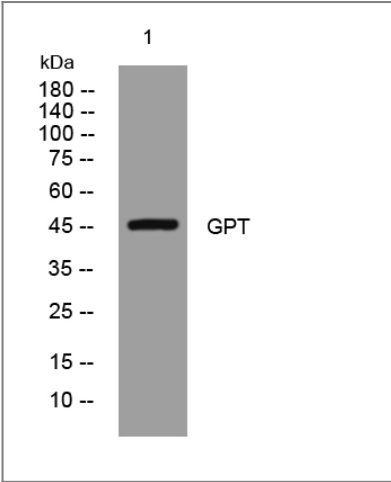
Specificity This antibody detects endogenous levels of GPT at Human/Mouse

Target Information

Gene name DPAGT1 DPAGT2

Protein Name	GPT		
	Organism	Gene ID	UniProt ID
	Human	1798;	Q9H3H5;
	Mouse	13478;	P42867;
Cellular Localization	Endoplasmic reticulum membrane; Multi-pass membrane protein .		
Function	Catalytic activity:UDP-N-acetyl-D-glucosamine + dolichyl phosphate = UMP + N-acetyl-D-glucosaminyl-diphosphodolichol.,Disease:Defects in DPAGT1 are the cause of congenital disorder of glycosylation type 1J (CDG1J) [MIM:608093]. 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:Catalyzes the initial step in the synthesis of dolichol-P-P-oligosaccharides.,online information:GlycoGene database,online information:UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminophosphotransferase,pathway:Protein modification; protein glycosylation.,similarity:Belongs to the glycosyltransferase 4 family.,		

Validation Data



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

Contact information

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GPT Rabbit pAb

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