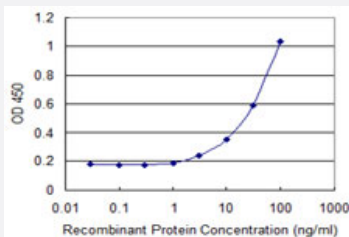


DPAGT1 monoclonal antibody (M04), clone 1G1

Catalog # H00001798-M04

Size 100 ug

Applications



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DPAGT1 is 1 ng/ml as a capture antibody.

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant DPAGT1.
Immunogen	DPAGT1 (NP_001373, 296 a.a. ~ 377 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	IIPCPRHRIPRLNIKTGKLEMSYSKFKTKSLSFLGTFILKVAESLQLVTVHQSETEDEGEFTECNNMTLINLLKVLGPIHER
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (89)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DPAGT1 is 1 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — DPAGT1

Entrez GeneID	1798
GeneBank Accession#	NM_001382
Protein Accession#	NP_001373
Gene Name	DPAGT1
Gene Alias	ALG7, CDG-Ij, D11S366, DGPT, DPAGT, DPAGT2, G1PT, GPT, UAGT, UGAT
Gene Description	dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminophosphotransferase 1 (GlcNAc-1-P transferase)
Omim ID	191350 608093
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is an enzyme that catalyzes the first step in the dolichol-linked oligosaccharide pathway for glycoprotein biosynthesis. This enzyme belongs to the glycosyltransferase family 4. This protein is an integral membrane protein of the endoplasmic reticulum. The congenital disorder of glycosylation type Ij is caused by mutation in the gene encoding this enzyme. [provided by RefSeq]
Other Designations	GlcNAc-1-P transferase N-acetylglucosamine-1-phosphate transferase UDP-GlcNAc:dolichyl-phosphate N-acetylglucosaminophosphotransferase UDP-N-acetylglucosamine-dolichyl-phosphate N-acetylglucosaminophosphotransferase dolichyl-phosphate alpha-N-acetylglucos

Pathway

- [Metabolic pathways](#)
- [N-Glycan biosynthesis](#)

Disease

- [Kidney Failure](#)