

Product datasheet for **AP51309PU-N**

DPAGT1 (Center) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	ELISA: 1/1000. Western Blot: 1/100-1/500.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 293~323 amino acids from the Central region of Human DPAGT1
Specificity:	This antibody recognizes Human DPAGT1 (Center).
Formulation:	PBS with 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	dolichyl-phosphate N-acetylglucosaminephosphotransferase 1
Database Link:	Entrez Gene 1798 Human Q9H3H5
Background:	DPAGT1 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.



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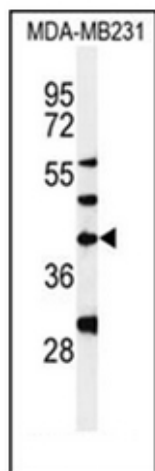
Synonyms: GlcNAc-1-P transferase, DPAGT2, G1PT, GPT

Note: **Molecular Weight:** 46090 Da

Protein Families: Transmembrane

Protein Pathways: Metabolic pathways, N-Glycan biosynthesis

Product images:



Western blot analysis of DPAGT1 Antibody in MDA-MB231 cell line lysates (35ug/lane). DPAGT1 (arrow) was detected using the purified Pab.