

# DPAGT1 Antibody (Center)

Affinity Purified Rabbit Polyclonal Antibody (Pab)  
Catalog # AP9967a

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9H3H5</a>
<b>Reactivity</b>	Human
<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB23874
<b>Antigen Region</b>	286-315

## Additional Information

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<b>Other Names</b>	UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminophosphotransferase, GlcNAc-1-P transferase, G1PT, GPT, N-acetylglucosamine-1-phosphate transferase, DPAGT1, DPAGT2
<b>Target/Specificity</b>	This DPAGT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 286-315 amino acids from the Central region of human DPAGT1.
<b>Dilution</b>	WB--1:1000 E--Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	DPAGT1 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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### Background

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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.

## References

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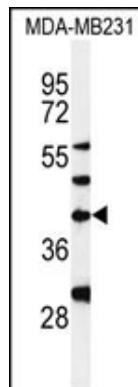
Nita-Lazar, M., et al. Cancer Res. 69(14):5673-5680(2009)

Bretthauer, R.K. Curr Drug Targets 10(6):477-482(2009)

Wu, X., et al. Hum. Mutat. 22(2):144-150(2003)

## Images

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Western blot analysis of DPAGT1 Antibody (Center) (Cat. #AP9967a) in MDA-MB231 cell line lysates (35ug/lane). DPAGT1 (arrow) was detected using the purified Pab.

## Citations

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- [Congenital Myasthenic Syndrome caused by mutations in DPAGT.](#)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.