

Rabbit anti-Human, mouse DPAGT1 Polyclonal Antibody | anti-DPAGT1 antibody

DPAGT1 Antibody (N-term)

CATALOG # AAA284187	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
-------------------------------	-----------------------	-----------------------------------	--

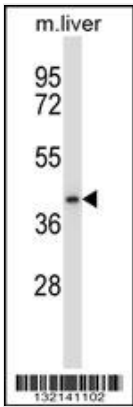
PRODUCT SYNONYMS

DPAGT1; Polyclonal Antibody; DPAGT1 Antibody (N-term); UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminophosphotransferase; GlcNAc-1-P transferase; G1PT; GPT; N-acetylglucosamine-1-phosphate transferase; DPAGT2; anti-DPAGT1 antibody

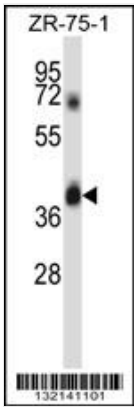
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DPAGT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 28-57 amino acids from the N-terminal region of human DPAGT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	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.
Concentration	Vial Concentration: 0.45 (varies by lot)
Sequence Positions	28-57
Sequence Length	408
Applicable Applications for anti-DPAGT1 antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
DPAGT1 Antibody (N-term) western blot analysis in mouse liver tissue lysates (35ug/lane).This demonstrates the DPAGT1 antibody detected the DPAGT1 protein (arrow).



WB (Western Blot)
DPAGT1 Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the DPAGT1 antibody detected the DPAGT1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DPAGT1 antibody	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.
References	Sengupta, P.K., et al. J. Biol. Chem. 285(41):31164-31173(2010) Nita-Lazar, M., et al. Cancer Res. 69(14):5673-5680(2009) Brethauer, R.K. Curr Drug Targets 10(6):477-482(2009) Lamesch, P., et al. Genomics 89(3):307-315(2007) Wu, X., et al. Hum. Mutat. 22(2):144-150(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	42794009
NCBI GeneID	1798
NCBI Accession #	NP_001373.2
NCBI GenBank Nucleotide #	NM_001382.3
UniProt Accession #	Q9H3H5; O15216; Q86WV9; Q9BWE6
Molecular Weight	46090
NCBI Official Full Name	UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminophosphotransferase
NCBI Official Synonym Full Names	dolichyl-phosphate (UDP-N-acetylglucosamine) N-acetylglucosaminophosphotransferase 1 (GlcNAc-1-P transferase)
NCBI Official Symbol	DPAGT1
NCBI Official Synonym Symbols	GPT; ALG7; DGPT; G1PT; UAGT; UGAT; CDG1J; CMS13; DPAGT; CDG-Ij; CMSTA2; DPAGT2; D11S366
NCBI Protein Information	UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminophosphotransferase
UniProt Protein Name	UDP-N-acetylglucosamine--dolichyl-phosphate N-acetylglucosaminophosphotransferase
UniProt Gene Name	DPAGT1
UniProt Synonym Gene Names	DPAGT2; G1PT; GPT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/dpagt1-antibody-western-blot-elisa/284187>