



Anti-ALG6 (aa 25-114) polyclonal antibody (DPAB-DC1520)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	This gene encodes a member of the ALG6/ALG8 glucosyltransferase family. The encoded protein catalyzes the addition of the first glucose residue to the growing lipid-linked oligosaccharide precursor of N-linked glycosylation. Mutations in this gene are associated with congenital disorders of glycosylation type Ic.
Immunogen	ALG6 (NP_037471, 25 a.a. ~ 114 a.a) partial recombinant protein with GST tag. The sequence is SYSGAGKPPMFGDYEAQRHWQEITFNLPVKQWYFNSSDNNLQYWGLDYPPLTAYHSLICA YVAKFINPDWIALHTSRGYESQAHLKLMRT
Source/Host	Mouse
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB (Recombinant protein), ELISA,
Size	50 µl
Buffer	50 % glycerol
Preservative	None
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [ALG6 ALG6, alpha-1.3-glucosyltransferase \[Homo sapiens \(human\) \]](#)

Official Symbol	ALG6
Synonyms	ALG6; ALG6, alpha-1,3-glucosyltransferase; CDG1C; dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase; asparagine-linked glycosylation protein 6 homolog; Man(9)GlcNAc(2)-PP-Dol alpha-1,3-glucosyltransferase; dolichyl-P-Glc:Man9GlcNAc2-PP-dolichylglucosyltransferase; dolichyl-P-Glc:Man9GlcNAc2-PP-dolichol alpha-1,3-glucosyltransferase; asparagine-linked glycosylation 6, alpha-1,3-glucosyltransferase homolog; dolichyl-P-Glc:Man(9)GlcNAc(2)-PP-dolichol alpha-1->3-glucosyltransferase; asparagine-linked glycosylation 6 homolog (yeast, alpha-1,3-glucosyltransferase); asparagine-linked glycosylation 6 homolog (S. cerevisiae, alpha-1,3-glucosyltransferase);
Entrez Gene ID	29929
Protein Refseq	NP_037471
UniProt ID	Q9Y672
Chromosome Location	1p31.3
Pathway	Asparagine N-linked glycosylation; GPCRs, Other; N-Glycan biosynthesis; N-glycan precursor biosynthesis
Function	glucosyltransferase activity;