

DNAxPAb

Hard-to-Find
Antibody

ALG2 DNAxPab

Catalog # H00085365-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ALG2 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAEEQGRERDSVPKPSVLFLHPDLGVGGAERLVLDAALALQARGCSVKWTAHYDPGHCF AES REL PVR CAGDWLPRGLGWGGRGAAVCAYVRMVFLALYVLF LADEEFDVVVCDQVSACIPVFRL ARRRKKILFYCHF PDLLTKRDSFLKRLYRAPIDWIEEYTTGMADCILVNSQFTA AVFKETFKSLSHI DPDVL YPSLNVTSFDSVVPEKLDDLVPKGKKFLLLSINRYERKKNLTLALEALVQLRGRLTSQDW ERVHLIVAGGYDERVLENVEHYQELKKMVQQSDLGQYVTF LRSFSDKQKISLLHSCTCVLYTPSN EHFGVPLEAMYMQCPVIAVNSGGPLESIDHSVTGFLCEPD PVHFSEAIEKFIREPSLKATMGLAG RARVKEKFSPEAFTEQLYRYVT KLLV
Host	Rabbit
Reactivity	Human
Purification	Protein A
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — ALG2

Entrez GeneID	85365
GeneBank Accession#	NM_033087.3
Protein Accession#	NP_149078.1
Gene Name	ALG2
Gene Alias	CDGII, FLJ14511, hALPG2
Gene Description	asparagine-linked glycosylation 2, alpha-1,3-mannosyltransferase homolog (S. cerevisiae)
Omim ID	607905 607906
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the glycosyltransferase 1 family. The encoded protein acts as an alpha 1,3 mannosyltransferase, mannosylating Man(2)GlcNAc(2)-dolichol diphosphate and Man(1)GlcNAc(2)-dolichol diphosphate to form Man(3)GlcNAc(2)-dolichol diphosphate. Defects in this gene have been associated with congenital disorder of glycosylation type 1h (CDG-1h). Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	GDP-Man:Man(1)GlcNAc(2)-PP-dolichol mannosyltransferase[OTTHUMP00000021785]OTTHUMP00000123474 alpha-1,3-mannosyltransferase ALG2 asparagine-linked glycosylation 2 homolog (S. cerevisiae, alpha-1,3-mannosyltransferase) asparagine-linked glycosylation 2 hom

Pathway

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