

DNAxPAb

Hard-to-Find
Antibody

ALG3 DNAxPab

Catalog # H00010195-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ALG3 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MAAGLRKRGRSGSAAQAEGLCQWLQRAWQERRLLREPRYTLLVAACLCLAEVGITFWVIHRV AYTEIDWKAYMAEVEGVINGTYDYTLQLQGD TGPLVYPAGFVYIFMGLYYATSRGDIRMAQNIFAVLY LATLLLVFLYHQTCKVPPFVFFFMCCASYRVHSIFVLRLFNDPVAMVLLFLSINLLLAQRWGWGC CFFSLAVSVKMNVLLFAPGLLFLLLTQFGFRGALPKLGICAGLQVVLGLPFLLNPSGYLSRSFDL GRQFLFHWTNVNWRFLPEALFLHRAFLALLTAHLTLLLLFALCRWHRTGESILSLLRDP SKRKVPP QPLTPNQVSTLFTSNFIGICFSRSLHYQFYVWFHTLPYLLWAMPARWLTHLLRLLVLGLIELSWNT YPSTSCSSAALHICHAVILLQLWLGPQPF PKSTQHSKKAH
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 — ALG3

Entrez GeneID	10195
GeneBank Accession#	NM_005787.4
Protein Accession#	NP_005778.1
Gene Name	ALG3
Gene Alias	CDGS4, D16Ert36e, NOT56L, Not56
Gene Description	asparagine-linked glycosylation 3, alpha-1,3- mannosyltransferase homolog (S. cerevisiae)
Omim ID	601110 608750
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the ALG3 family. The encoded protein catalyses the addition of the first dol-P-Man derived mannose in an alpha 1,3 linkage to Man5GlcNAc2-PP-Dol. Defects in this gene have been associated with congenital disorder of glycosylation type Id (CDG-Id) characterized by abnormal N-glycosylation. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	Not56-like protein alpha-1,3-mannosyltransferase ALG3 asparagine-linked glycosylation 3 homolog (S. cerevisiae, alpha-1,3-mannosyltransferase) asparagine-linked glycosylation 3 homolog (yeast, alpha-1,3-mannosyltransferase) carbohydrate deficient glycopro

Pathway

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