

DNAXPAb

Hard-to-Find
Antibody

ALG5 DNAXPab

Catalog # H00029880-W01P

Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ALG5 DNA using DNAX™ Immune technology.
Technology	DNAX™ Immune
Immunogen	Full-length human DNA
Sequence	MAPLLLQLAVLGAALAAAALVLISVAFTTATKMPALHRHEEEKFFLNAKGQKETLPSIWDSPTKQL SVVVP SYNEEKRLPVMMDEALSYLEKRQKRDP AFTYEIVIVDDGSKDQTSKVAFKYCQKYGSDK VRVITLVKNRGKGGAIRMGIFSSRGEKILMADADGATKFPDVEKLEKGLNDLQPWPQNQMAIACGS RAHLEKESIAQRSYFRTL MYGFHFLVWFLCVKGIRD TQCGFKLFTREASRTFSSLHVERWAFD VELLYAQFFKIPIAEIAVNWTEIEGSKLVPFWSWLQMGKDLLFIRLRYLTGAWRLEQTRKMN
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 — ALG5

Entrez GeneID	29880
GeneBank Accession#	NM_013338.3
Protein Accession#	NP_037470.1
Gene Name	ALG5
Gene Alias	RP11-421P11.2, bA421P11.2
Gene Description	asparagine-linked glycosylation 5, dolichyl-phosphate beta-glucosyltransferase homolog (S. cerevisiae)
Omim ID	604565
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the glycosyltransferase 2 family. The encoded protein participates in glucosylation of the oligomannose core in N-linked glycosylation of proteins. The addition of glucose residues to the oligomannose core is necessary to ensure substrate recognition, and therefore, effectual transfer of the oligomannose core to the nascent glycoproteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	Alg5, S. cerevisiae, homolog of[OTTHUMP00000042273]asparagine-linked glycosylation 5 homolog (S. cerevisiae, dolichyl-phosphate beta-glucosyltransferase)[asparagine-linked glycosylation 5 homolog (yeast, dolichyl-phosphate beta-glucosyltransferase)]dolich

Pathway

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