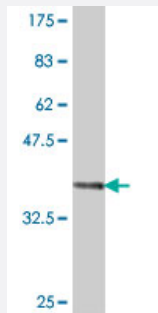


ALG5 polyclonal antibody (A01)

Catalog # H00029880-A01

Size 50 uL

Applications



Western Blot detection against Immunogen (36.34 KDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant ALG5.
Immunogen	ALG5 (NP_037470, 232 a.a. ~ 324 a.a) partial recombinant protein with GST tag.
Sequence	RDTQCGFKLFTREAASRTFSSLHVERWAFDVELLYAQFFKIPAEIAVNWTEIEGSKLVPFWSWLQ MGKDLLFIRLRYLTGAWRLEQTRKMN
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (91)
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (36.34 KDa) .
Storage Buffer	50 % glycerol
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — ALG5

Entrez GeneID [29880](#)

GeneBank Accession# [NM_013338](#)

Protein Accession# [NP_037470](#)

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](#)