

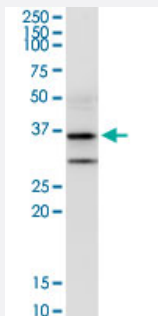
MaxPab®

ALG5 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00029880-D01P

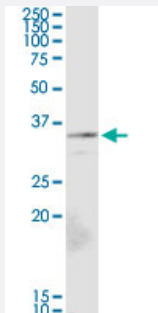
Size 100 ug

Applications



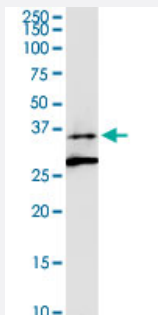
Western Blot (Tissue lysate)

ALG5 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALG5 expression in human pancreas.



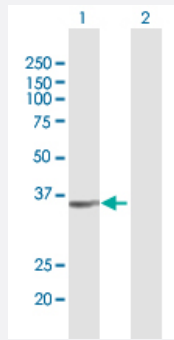
Western Blot (Tissue lysate)

ALG5 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALG5 expression in mouse lung.



Western Blot (Cell lysate)

ALG5 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALG5 expression in HepG2.



Western Blot (Transfected lysate)

Western Blot analysis of ALG5 expression in transfected 293T cell line ([H00029880-T01](#)) by ALG5 MaxPab polyclonal antibody.

Lane 1: ALG5 transfected lysate(36.90 kDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human ALG5 protein.
Immunogen	ALG5 (NP_037470.1, 1 a.a. ~ 324 a.a) full-length human protein.
Sequence	MAPLLLQLAVLGAALAAAALVLISIVFTTATKMPALHRHEEEKFFLNAKGQKETLPSIWDSPKQL SVVVPSTYNEEKRLPVMMDEALSYLEKRQKRDPAFTYEIVVDDGSKDQTSKVAFKYCQKYGSDK VRVITLVKNRGKGGAIRMGIFSSRGEKILMADADGATKFPDVEKLEKGLNDLQPWPNQMAIACGS RAHLEKESIAQRSYFRTLMLYGFHFLVWFLCVKGIRDTCGFKLFTREASRTFSSLHVERWAFD VELLYAQFFKIPIAEIAVNWTEIEGSKLVPFWSWLQMGKDLLFIRLRYLTGAWRLEQTRKMN
Host	Rabbit
Reactivity	Human, Mouse
Interspecies Antigen Sequence	Mouse (91); Rat (92)
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 (Tissue lysate)

ALG5 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALG5 expression in human pancreas.

[Protocol Download](#)

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- Western Blot (Cell lysate)

ALG5 MaxPab rabbit polyclonal antibody. Western Blot analysis of ALG5 expression in HepG2.

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- Western Blot (Transfected lysate)

Western Blot analysis of ALG5 expression in transfected 293T cell line ([H00029880-T01](#)) by ALG5 MaxPab polyclonal antibody.

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[Protocol Download](#)

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](#)