

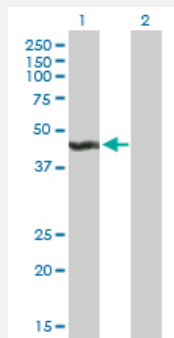
MaxPab®

ALG2 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00085365-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of ALG2 expression in transfected 293T cell line ([H00085365-T01](#)) by ALG2 MaxPab polyclonal antibody.

Lane1:ALG2 transfected lysate(45.76 KDa).

Lane2:Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human ALG2 protein.
Immunogen	ALG2 (NP_149078.1, 1 a.a. ~ 416 a.a) full-length human protein.
Sequence	MAEEQGRERDSVPKPSVLFLHPDLGVGGAERLVLDAALALQARGCSVKIWTAHYDPGHCFAES REL PVRCAGDWLPRGLGWGGRGAAYVRMVFLALYVFLADEEFDVVVCDQVSACIPVFRL ARRRKILFYCHFDPDLLTKRDSFLKRLYRAPIDWIEEYTTGMADCILVNSQFTAAVFKETFKSLSHI DPDVLPSLNVTSFDSVVPEKLDDLVPGKGFLLLSINRYERKKNLTALAEALVQLRGRLTSQDW ERVHLIVAGGYDERVLENVEHYQELKKMVQQSDLGQYVTFRLRSFSDKQKISLLHSCTCVLYTPSN EHFGVPLEAMYMQCPVIAVNSGGPLESIDHSVTGFLCEPDVPVHFSEAIEKFIREPSLKATMGLAG RARVKEKFSPEAFTEQLYRYVTKLLV
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (81); Rat (81)
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.

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[Protocol Download](#)

Gene Info — ALG2

Entrez GeneID [85365](#)

GeneBank Accession# [NM_033087.3](#)

Protein Accession# [NP_149078.1](#)

Gene Name ALG2

Gene Alias CDGLi, 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-li). 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](#)