

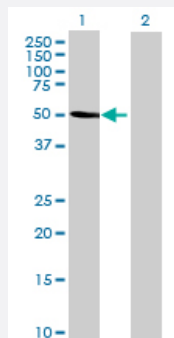
MaxPab®

ALG1 MaxPab mouse polyclonal antibody (B01P)

Catalog # H00056052-B01P

Size 50 ug

Applications

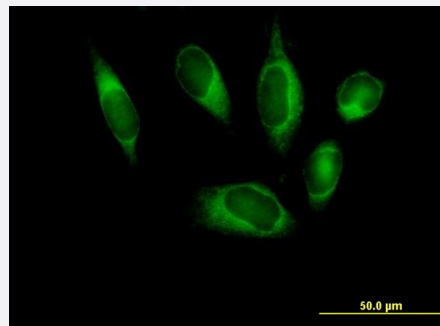


Western Blot (Transfected lysate)

Western Blot analysis of ALG1 expression in transfected 293T cell line ([H00056052-T01](#)) by ALG1 MaxPab polyclonal antibody.

Lane 1: ALG1 transfected lysate(51.04 KDa).

Lane 2: Non-transfected lysate.



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ALG1 on HeLa cell.
[antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ALG1 protein.

Immunogen

ALG1 (NP_061982.3, 1 a.a. ~ 464 a.a) full-length human protein.

Sequence

MAASCLVLLALCLLLPLLLLGGWKRRRGRAARHVAVVLGDVGRSPRMQYHALSLAMHGFSV
TLLGFCNSKPHDELLQNNRIQVGLTELQSLAVGPRVFQYGVKVVLLQAMYLLWKLMMWREPGAYIFL
QNPPGLPSIAVCWFWVGCLCGSKLVIDWHNYGYSIMGLVHGPNHPLVLLAKWYEKFFGRLSHLNL
VTNAMREDLADNWHIRAVTVYDKPASFFKETPLDLQHRLFMKLGSMHSPFRARSEPEDPVTERS
AFTERDAGSGLVTRLRERPALLVSSTSWTEDEDFSIILAALEKFEQLTLDGHNLP SLVCVITGKGP
LREYYSRLIHQKHQHIQVCTPWLEAEDYPLLLGSADLGVC LHTSSSGLDLP MKVVD MFGCCLPV
CAVNFKCLHELKHEENGLVFEDSEELAAQLQMLFSNFPDPAGKLNQFRKNLRESQQLRWDES
WVQTVLPLVMDT

Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (80)
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](#)

- Immunofluorescence

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Gene Info — ALG1

Entrez GeneID	56052
GeneBank Accession#	NM_019109.3
Protein Accession#	NP_061982.3
Gene Name	ALG1
Gene Alias	HMAT1, HMT-1, HMT1
Gene Description	asparagine-linked glycosylation 1, beta-1,4-mannosyltransferase homolog (S. cerevisiae)
Omim ID	605907 608540
Gene Ontology	Hyperlink

Gene Summary

The enzyme encoded by this gene catalyzes the first mannosylation step in the biosynthesis of lipid-linked oligosaccharides. This gene is mutated in congenital disorder of glycosylation type Ik. [provided by RefSeq]

Other Designations

GDP-Man:GlcNAc2-PP-dolichol mannosyltransferase|GDP-mannose-dolichol diphosphochitobiose mannosyltransferase|asparagine-linked glycosylation 1 homolog (yeast, beta-1,4-mannosyltransferase)|beta-1,4 mannosyltransferase|beta-1,4-mannosyltransferase|chitobio

Pathway

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

Disease

- [Tobacco Use Disorder](#)