

Rabbit ALG1 Polyclonal Antibody | anti-ALG1 antibody

Anti-ALG1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA264257	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunofluorescence, Western Blot

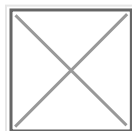
PRODUCT SYNONYMS

ALG1; Polyclonal Antibody; Anti-ALG1 Antibody; HMAT1; HMT1; Chitobiosyldiphosphodolichol beta-mannosyltransferase; Asparagine-linked glycosylation protein 1 homolog; Beta-1 4-mannosyltransferase; GDP-Man:GlcNAc2-PP-dolichol mannosyltransferase; GDP-mannose-dolichol diphosphochitobiose mannosyltransferase; Mannosyltransferase-1; MT-1; hMat-1; anti-ALG1 antibody

PRODUCT SPECIFICATIONS

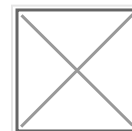
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of ALG1 protein.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-ALG1 antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ALG1. The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescent analysis of ALG1 staining in A549 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 degree C in a humidified chamber. Cells were washed with PBST and incubated with a Alexa Fluor 594-conjugated secondary antibody (red) in PBS at room temperature in the dark.



WB (Western Blot)

Western blot analysis of ALG1 expression in HepG2 (A), mouse kidney (B), rat liver (C) whole cell lysates.

ADDITIONAL INFORMATION

Related Product Information for anti-ALG1 antibody	Rabbit polyclonal antibody to ALG1
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NCBI AND UNIPROT INFORMATION

NCBI GI #	73921663
NCBI GeneID	56052

UniProt Accession #	Q9BT22 ; Q921Q3
Molecular Weight	464
NCBI Official Full Name	Chitobiosyldiphosphodolichol beta-mannosyltransferase
NCBI Official Synonym Full Names	ALG1, chitobiosyldiphosphodolichol beta-mannosyltransferase
NCBI Official Symbol	ALG1
NCBI Official Synonym Symbols	HMT1; MT-1; CDG1K; HMAT1; HMT-1; Mat-1; hMat-1
NCBI Protein Information	chitobiosyldiphosphodolichol beta-mannosyltransferase; mannosyltransferase-1; beta-1,4 mannosyltransferase; beta-1,4-mannosyltransferase; GDP-Man:GlcNAc2-PP-dolichol mannosyltransferase; asparagine-linked glycosylation protein 1 homolog; GDP-mannose-dolic
UniProt Protein Name	Chitobiosyldiphosphodolichol beta-mannosyltransferase
UniProt Gene Name	ALG1
UniProt Synonym Gene Names	HMAT1; HMT1; MT-1; hMat-1
UniProt Entry Name	ALG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/alg1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/264257>