

Rabbit anti-Human ALG1 Polyclonal Antibody | anti-ALG1 antibody

Rabbit anti-human ALG1 polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA119363	Rabbit	Human	Immunohistochemistry, Western Blot, ELISA

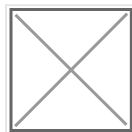
PRODUCT SYNONYMS

ALG1; Polyclonal Antibody; Rabbit anti-human ALG1 polyclonal Antibody; 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;ALG1;HMAT1; HMT1; anti-ALG1 antibody

PRODUCT SPECIFICATIONS

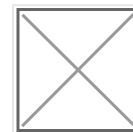
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	464
Applicable Applications for anti-ALG1 antibody	IHC (Immunohistochemistry), WB (Western Blot), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Chitobiosyldiphosphodolichol beta-mannosyltransferase protein (215-464aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-109883 / sc-109880
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



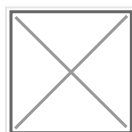
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung tissue using AAA119363 at dilution 1:100



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer using AAA119363 at dilution 1:100



WB (Western Blot)

All lanes: ALG1 antibody at 10ug/ml+Hela whole cell lysateSecondaryGoat polyclonal to rabbit at 1/10000 dilutionPredicted band size: 53,41 kDaObserved band size: 53 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ALG1 antibody	Participates in the formation of the lipid-linked precursor oligosaccharide for N-glycosylation. Involved in assembling the dolichol-pyrophosphate-GlcNAc(2)-Man5 intermediate on the cytoplasmic surface of the ER.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	41350216
NCBI GeneID	56052
NCBI Accession #	NP_061982.3
NCBI GenBank Nucleotide #	NM_019109.4
UniProt Accession #	Q9BT22; Q6UVZ9; Q8N5Y4; Q9P2Y2; B4DP08
Molecular Weight	40,338 Da
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
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-immunohistochemistry-western-blot-elisa/119363>