

Rabbit anti-Human ALG11 Polyclonal Antibody | anti-ALG11 antibody

ALG11 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234232	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

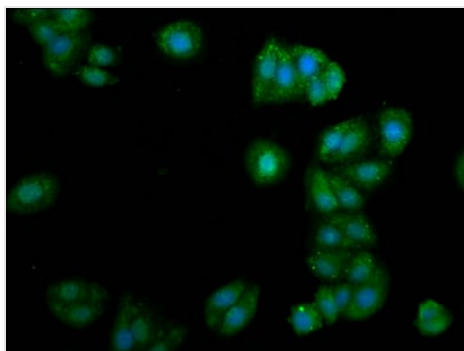
PRODUCT SYNONYMS

ALG11; Polyclonal Antibody; ALG11 Antibody; GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1; 2-mannosyltransferase; Asparagine-linked glycosylation protein 11 homolog; Glycolipid 2-alpha-mannosyltransferase; GT8; anti-ALG11 antibody

PRODUCT SPECIFICATIONS

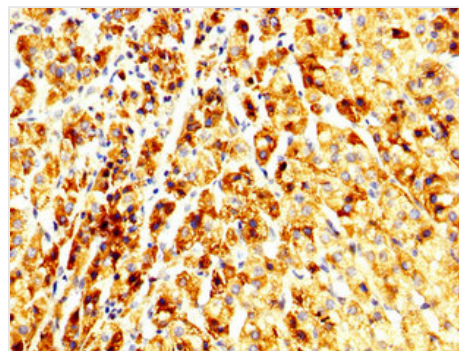
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	492
Applicable Applications for anti-ALG11 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1, 2-mannosyltransferase protein (416-480AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234232 at 1:105, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234232 diluted at 1:250 and staining in paraffin-embedded human adrenal gland tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-ALG11 antibody	Mannosyltransferase involved in the last steps of the synthesis of Man5GlcNAc(2)-PP-dolichol core oligosaccharide on the cytoplasmic face of the endoplasmic reticulum. Catalyzes the addition of the 4th and 5th mannose residues to the dolichol-linked oligosaccharide chain.
Product Categories/Family for anti-ALG11 antibody	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	304434672
NCBI GeneID	440138
NCBI Accession #	NP_001004127.2
NCBI GenBank Nucleotide #	NM_001004127.2
UniProt Accession #	Q2TAA5; Q5TAN9; Q6DKI6; Q96FI7; A5PLP3; B4DKW9
Molecular Weight	55,651 Da
NCBI Official Full Name	GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase
NCBI Official Synonym Full Names	ALG11, alpha-1,2-mannosyltransferase
NCBI Official Symbol	ALG11
NCBI Official Synonym Symbols	GT8; CDG1P
NCBI Protein Information	GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase
UniProt Protein Name	GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase
UniProt Gene Name	ALG11
UniProt Synonym Gene Names	GT8

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://www.aaabiotech.com/polyclonal/alg11-antibody-immunofluorescence-immunohistochemistry-elisa/234232>