

Rabbit ALG10 Polyclonal Antibody | anti-ALG10 antibody

ALG10 Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA284686	Rabbit	Human (Predicted Reactivity: Mouse, Rat)	Western Blot, Immunohistochemistry, ELISA

PRODUCT SYNONYMS

ALG10; Polyclonal Antibody; ALG10 Antibody (N-term); Dol-P-Glc:Glc(2)Man(9)GlcNAc(2)-PP-Dol alpha-1; 2-glucosyltransferase; Alpha-1; 2-glucosyltransferase ALG10-A; Alpha-2-glucosyltransferase ALG10-A; Asparagine-linked glycosylation protein 10 homolog A; ALG10A; anti-ALG10 antibody

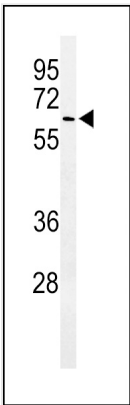
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ALG10 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 17-43 amino acids from the N-terminal region of human ALG10.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	17-43
Sequence Length	473
Applicable Applications for anti-ALG10 antibody	WB (Western Blot), IHC (Immunohistochemistry), ELISA
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohiostchemistry)
ALG10 Antibody (N-term) IHC analysis in formalin fixed and paraffin embedded brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the ALG10 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ALG10 Antibody (N-term) in A375 cell line lysates (35ug/lane). ALG10 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ALG10 antibody	ALG10 encodes a membrane-associated protein that adds the third glucose residue to the lipid-linked oligosaccharide precursor for N-linked glycosylation. That is, it transfers the terminal glucose from dolichyl phosphate glucose (Dol-P-Glc) onto the lipid-linked oligosaccharide Glc2Man9GlcNAc(2)-PP-Dol. The rat protein homolog was shown to specifically modulate the gating function of the rat neuronal ether-a-go-go (EAG) potassium ion channel.
References	Chapuis, J., et al. Mol. Psychiatry 14(11):1004-1016(2009) Seshadri, S., et al. BMC Med. Genet. 8 SUPPL 1, S15 (2007) Kupershmidt, S., et al. FASEB J. 17(15):2263-2265(2003)

NCBI AND UNIPROT INFORMATION

NCBI GI #	147904264
NCBI GeneID	84920
NCBI Accession #	NP_116223.3
NCBI GenBank Nucleotide #	NM_032834.3
UniProt Accession #	Q5BKT4; Q6NS98; Q96DU0; Q96SM6
Molecular Weight	55606
NCBI Official Full Name	dol-P-Glc:Glc(2)Man(9)GlcNAc(2)-PP-Dol alpha-1,2-glucosyltransferase
NCBI Official Synonym Full Names	ALG10, alpha-1,2-glucosyltransferase
NCBI Official Symbol	ALG10
NCBI Official Synonym Symbols	DIE2; KCR1; ALG10A
NCBI Protein Information	dol-P-Glc:Glc(2)Man(9)GlcNAc(2)-PP-Dol alpha-1,2-glucosyltransferase
UniProt Protein Name	Dol-P-Glc:Glc(2)Man(9)GlcNAc(2)-PP-Dol alpha-1,2-glucosyltransferase
UniProt Gene Name	ALG10
UniProt Synonym Gene Names	ALG10A
UniProt Entry Name	AG10A_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://www.aaabiotech.com/polyclonal/alg10-antibody-western-blot-immunohistochemistry-elisa/284686>