

Rabbit ALG5 Polyclonal Antibody | anti-ALG5 antibody

ALG5 Rabbit pAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA281833	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

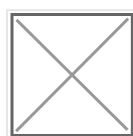
PRODUCT SYNONYMS

ALG5; Polyclonal Antibody; ALG5 Rabbit pAb; bA421P11.2; anti-ALG5 antibody

PRODUCT SPECIFICATIONS

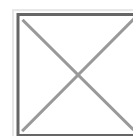
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Sequence	MPALHRHEEE KFFLNAKGQK ETLPSIWDSP TKQLSVVVP YNEEKRLPVM MDEALSYLEK RQKRDPFTY EVIVVDDGSK DQTSKVAFKY CQKYGSDKVR VITLVKNRGK GGAIRMGIFS SRGEKILMAD ADGATKFPDV EKLEKGLNDL QPWPNQM
Applicable Applications for anti-ALG5 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 34-190 of human ALG5 (NP_037470.1).
Positive Samples	U-87MG, HepG2, 293T
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of L929 cells using ALG5 antibody at dilution of 1:100. Blue: DAPI for nuclear staining.



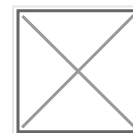
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Human colon carcinoma using ALG5 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Rat ovary using ALG5 Rabbit pAb at dilution of 1:100 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded Mouse pancreas using ALG5 Rabbit pAb at dilution of 1:100 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using ALG5 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.

ADDITIONAL INFORMATION

Related Product Information for anti-ALG5 antibody	Background: This gene encodes a member of the glycosyltransferase 2 family. The encoded protein participates in glucosylation of the oligomannose core in N-linked glycosylation of proteins. The addition of glucose residues to the oligomannose core is necessary to ensure substrate recognition, and therefore, effectual transfer of the oligomannose core to the nascent glycoproteins. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]
Product Categories/Family for anti-ALG5 antibody	Endocrine & Metabolism; Amino acid metabolism

NCBI AND UNIPROT INFORMATION

NCBI GI #	215276969
NCBI GeneID	29880
NCBI Accession #	NP_001135836.1
NCBI GenBank Nucleotide #	NM_001142364.1
UniProt Accession #	Q9Y673; Q5TBA6; B4DR37
Molecular Weight	Predicted MW: 37kDa
NCBI Official Full Name	dolichyl-phosphate beta-glucosyltransferase isoform 2
NCBI Official Synonym Full Names	ALG5, dolichyl-phosphate beta-glucosyltransferase
NCBI Official Symbol	ALG5
NCBI Official Synonym Symbols	bA421P11.2
NCBI Protein Information	dolichyl-phosphate beta-glucosyltransferase
UniProt Protein Name	Dolichyl-phosphate beta-glucosyltransferase
UniProt Gene Name	ALG5
UniProt Synonym Gene Names	DolP-glucosyltransferase

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/alg5-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/281833>