

Rabbit anti-Human ALG14 Polyclonal Antibody | anti-ALG14 antibody

ALG14 Antibody (Center)

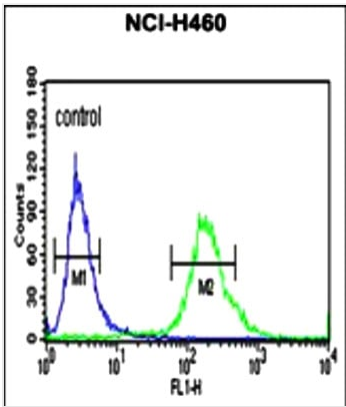
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286180	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

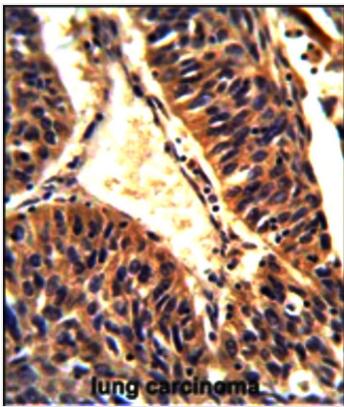
ALG14; Polyclonal Antibody; ALG14 Antibody (Center); UDP-N-acetylglucosamine transferase subunit ALG14 homolog; anti-ALG14 antibody

PRODUCT SPECIFICATIONS

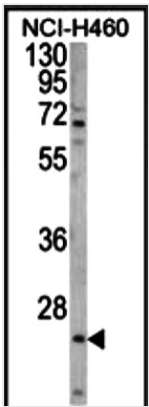
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	This ALG14 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 67-93 amino acids from the Central region of human ALG14.
Purity/Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Sequence Positions	67-93
Sequence Length	216
Applicable Applications for anti-ALG14 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Function	Involved in protein N-glycosylation. May play a role in the second step of the dolichol-linked oligosaccharide pathway. May anchor the catalytic subunit ALG13 to the ER.
Cellular Location	Endoplasmic reticulum membrane {ECO:0000250 UniProtKB:P38242}; Single-pass membrane protein. Nucleus membrane {ECO:0000250 UniProtKB:P38242}; Single-pass membrane protein
Preparation and Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.



FCM/FACS (Flow Cytometry)
ALG14 Antibody (Center) flow cytometric analysis of NCI-H460 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human lung carcinoma reacted with ALG14 Antibody (Center), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of ALG14 Antibody (Center) in NCI-H460 cell line lysates (35ug/lane). ALG14 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

References	Gao X.-D., et.al., J. Biol. Chem. 280:36254-36262(2005).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	21450685
NCBI GeneID	199857
NCBI Accession #	NP_659425.1
NCBI GenBank Nucleotide #	NM_144988.3
UniProt Accession #	Q96F25; A8K030
NCBI Official Full Name	UDP-N-acetylglucosamine transferase subunit ALG14 homolog isoform 1
NCBI Official Synonym Full Names	ALG14, UDP-N-acetylglucosaminyltransferase subunit
NCBI Official Symbol	ALG14
NCBI Official Synonym Symbols	CMS15
NCBI Protein Information	UDP-N-acetylglucosamine transferase subunit ALG14 homolog

UniProt Protein Name	UDP-N-acetylglucosamine transferase subunit ALG14 homolog
UniProt Gene Name	ALG14
UniProt Entry Name	ALG14_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/alg14-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/286180>