

Datasheet for ABIN652850

anti-ALG14 antibody (AA 67-93)**3** Images**1** Publication[Go to Product page](#)

Overview

Quantity:	400 µL
Target:	ALG14
Binding Specificity:	AA 67-93
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALG14 antibody is un-conjugated
Application:	Western Blotting (WB), Flow Cytometry (FACS), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	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.
Clone:	RB22375
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

Target Details

Target:	ALG14
Alternative Name:	ALG14 (ALG14 Products)

Target Details

Background:	ALG14 is involved in protein N-glycosylation. It is essential for the second step of the dolichol-linked oligosaccharide pathway. It anchors the catalytic subunit ALG13 to the ER.
Molecular Weight:	24151
Gene ID:	199857
NCBI Accession:	NP_659425
UniProt:	Q96F25

Application Details

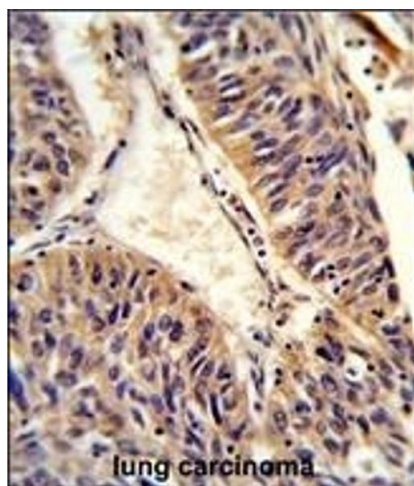
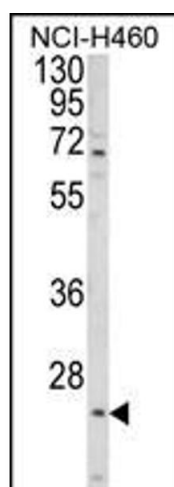
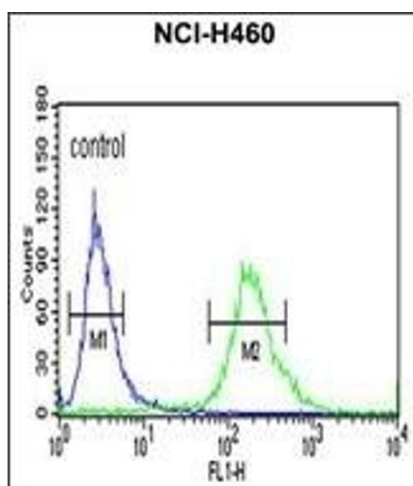
Application Notes:	WB: 1:1000. IHC-P: 1:50~100. FC: 1:10~50
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months

Publications

Product cited in:	Gehrke, Wörns, Huber, Hess, Straub, Hövelmeyer, Waisman, Kim, Schuppan, Galle, Schattenberg : "Hepatic B cell leukemia-3 promotes hepatic steatosis and inflammation through insulin-sensitive metabolic transcription factors." in: Journal of hepatology , Vol. 65, Issue 6, pp. 1188-1197, (2018) (PubMed).
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Flow Cytometry

Image 1. ALG14 Antibody (Center) (ABIN652850 and ABIN2842550) flow cytometric analysis of NCI- cells (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.

Western Blotting

Image 2. Western blot analysis of ALG14 Antibody (Center) (ABIN652850 and ABIN2842550) in NCI- cell line lysates (35 µg/lane). ALG14 (arrow) was detected using the purified Pab.

Immunohistochemistry (Paraffin-embedded Sections)

Image 3. 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.