

Datasheet for ABIN7565854
anti-ALG6 antibody (N-Term)



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Overview

Quantity:	25 µL
Target:	ALG6
Binding Specificity:	N-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALG6 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Purpose:	ALG6 Antibody
Immunogen:	<p>Immunogen: This whole rabbit serum was prepared by repeated immunizations with a synthetic peptide, corresponding to a region near the N-terminus of human ALG6 protein, conjugated to KLH.</p> <p>Immunogen Type: Conjugated Peptide</p>
Cross-Reactivity (Details):	ALG6 Antibody antiserum is directed against human ALG6. A 58 kDa band is detected when assayed by immunoblot.
Characteristics:	<p>Synonyms: rabbit anti-ALG6 Antibody, rabbit anti-ALG-6 Antibody, Dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase, Asparagine-linked glycosylation protein 6 homolog, Dol-P-Glc:Man(9)GlcNAc(2)-PP-Dol alpha-1,3-glucosyltransferase, Dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase, ALG6 Antibody, My046</p>

Product Details

Purification:	Antiserum
Sterility:	Sterile filtered

Target Details

Target:	ALG6
Alternative Name:	ALG6 (ALG6 Products)
Background:	<p>Background: Anti-ALG6 antibody was designed, produced, and validated as part of the Joy Cappel Young Investigator Award (JCYIA). Dolichyl pyrophosphate Man9GlcNAc2 alpha-1,3-glucosyltransferase is an enzyme that is encoded by the ALG6 gene in humans. This gene encodes ALG6/ALG8 member of glucosyltransferase family. The encoded protein catalyzes the addition of the first glucose residue to the growing lipid-linked oligosaccharide precursor of N-linked glycosylation. Mutations in this gene are associated with congenital disorders of glycosylation type. Anti-ALG6 is ideal for researchers interested in Infectious disease, especially HIV and hepatitis virus infections. Anti-ALG6 antibody is applicable to methods for diagnosis and, in particular, to methods for diagnosing infections using biomarkers targeting exosomes secreted in bodily fluids.</p>
UniProt:	Q9Y672

Application Details

Application Notes:	<p>Application Note: Anti-ALG6 antibody has been tested in ELISA, western blot, and immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band approximately 58 kDa in size corresponding to ALG6 protein by Western blotting in the appropriate cell lysate or extract. Immunohistochemistry Dilution: 4 µg/mL Western Blot Dilution: 1:1000 ELISA Dilution: 1:45,000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	80 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide

Handling

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:	-20 °C
Storage Comment:	Store vial at -20° C or below prior to opening. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below. Store the vial at -20°C or below after dilution. Avoid cycles of freezing and thawing.
Expiry Date:	12 months