

Datasheet for ABIN1449879  
**anti-ALG6 antibody (N-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	100 µL
Target:	ALG6
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Zebrafish (Danio rerio), Dog, Cow, Drosophila melanogaster, Chicken
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALG6 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	Synthetic peptide directed towards the N terminal of human ALG6
Sequence:	PLTAYHSLLC AYVAKFINPD WIALHTSRGY ESQAHKLFMR TTVLIADLLI
Cross-Reactivity (Details):	Species reactivity (expected): Mouse, Rat, Chicken, Dog, Bovine, Fruit fly, Zebrafish Species reactivity (tested): Human
Purification:	Purified using peptide immunoaffinity column

## Target Details

Target:	ALG6
Alternative Name:	ALG6 ( <a href="#">ALG6 Products</a> )
Background:	ALG6 is a member of the ALG6/ALG8 glucosyltransferase family. It catalyzes the addition of the

## Target Details

first glucose residue to the growing lipid-linked oligosaccharide precursor of N-linked glycosylation. Mutations in this gene encoding ALG6 are associated with congenital disorders of glycosylation type Ic. This gene encodes a member of the ALG6/ALG8 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 Ic. Synonyms: 3-glucosyltransferase, Asparagine-linked glycosylation protein 6, Dolichyl pyrophosphate Man9GlcNAc2 alpha-1, Dolichyl-P-Glc:Man9GlcNAc2-PP-dolichyl glucosyltransferase, My046

Gene ID: 29929

NCBI Accession: [NP\\_037471](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Reconstitution: Add 50 µL of distilled water to a final concentration of 1 mg/mL.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C/-20 °C

Storage Comment: Store lyophilized at 2-8 °C or at -28 °C long term. After reconstitution store the antibody undiluted at 2-8 °C for up to one month or in aliquots at -28 °C long term.



Western Blotting

**Image 1.** Human Heart; WB Suggested Anti-ALG6 Antibody  
Titration: 0.2-1 ug/ml. ELISA Titer: 1:62500. Positive  
Control: Human heart; ALG6 antibody - N-terminal region in  
Human Heart cells using Western Blot