

Datasheet for ABIN1449836  
**anti-ALG2 antibody (C-Term)**



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1 Image

## Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | ALG2   |
| Binding Specificity: | C-Term   |
| Reactivity:          | Human, Mouse, Rat, Cow, Dog, Pig, Xenopus laevis |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal                                       |
| Conjugate:           | This ALG2 antibody is un-conjugated              |
| Application:         | Western Blotting (WB)                            |

## Product Details

|                             |   |
|-----------------------------|---|
| Immunogen:                  | Synthetic peptide directed towards the C terminal of human ALG2   |
| Sequence:                   | QSDLGQYVTF LRSFSDKQKI SLLHSCTCVL YTPSNEHFGI VPLEAMYMQC  |
| Cross-Reactivity (Details): | Species reactivity (expected): Mouse, Rat, Bovine, Pig, Dog, African clawed frog, Zebrafish<br>Species reactivity (tested): Human |
| Purification:               | Purified using peptide immunoaffinity column  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | ALG2  |
| Alternative Name: | ALG2 ( <a href="#">ALG2 Products</a> )  |
| Background:       | ALG2 is a member of the glycosyltransferase 1 family. It acts as an alpha 1,3 |

## Target Details

mannosyltransferase, mannosylating Man(2)GlcNAc(2)-dolichol diphosphate and Man(1)GlcNAc(2)-dolichol diphosphate to form Man(3)GlcNAc(2)-dolichol diphosphate. Defects in this gene have been associated with congenital disorder of glycosylation type 1h (CDG-1h). This gene encodes a member of the glycosyltransferase 1 family. The encoded protein acts as an alpha 1,3 mannosyltransferase, mannosylating Man(2)GlcNAc(2)-dolichol diphosphate and Man(1)GlcNAc(2)-dolichol diphosphate to form Man(3)GlcNAc(2)-dolichol diphosphate. Defects in this gene have been associated with congenital disorder of glycosylation type 1h (CDG-1h). Synonyms: 3-mannosyltransferase ALG2, Alpha-1, Asparagine-linked glycosylation protein 2, GDP-Man:Man(1)GlcNAc(2)-PP-dolichol mannosyltransferase

Gene ID: 85365

NCBI Accession: [NP\\_149078](#)

## Application Details

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

Restrictions: For Research Use only

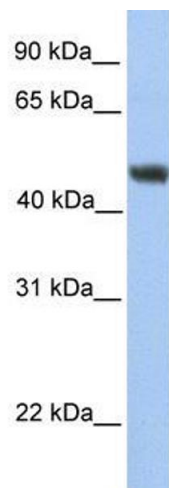
## Handling

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 -20 °C long term. After reconstitution store the antibody undiluted at 2-8 °C for up to one month or in aliquots at -20 °C long term.



Western Blotting

**Image 1.** Human HepG2; WB Suggested Anti-ALG2 Antibody Titration: 0.2-1 ug/ml. Positive Control: HepG2 cell lysate; ALG2 antibody - C-terminal region in Human HepG2 cells using Western Blot