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Datasheet for ABIN5516435  
**anti-ALG12 antibody (N-Term)**

1 Image

### Overview

Quantity:	100 µL
Target:	ALG12
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Goat, Guinea Pig, Horse, Rabbit, Saccharomyces cerevisiae, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALG12 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ALG12
Sequence:	EESFNLQATH DLLYHWQDLE QYDHLEFPGV VPRTFLGPV IAVFSSPAVY
Predicted Reactivity:	Cow: 100%, Dog: 93%, Goat: 79%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Yeast: 85%, Zebrafish: 86%
Characteristics:	This is a rabbit polyclonal antibody against ALG12. It was validated on Western Blot.
Purification:	Affinity purified

### Target Details

Target:	ALG12
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## Target Details

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Alternative Name: [ALG12 \(ALG12 Products\)](#)

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Background: This gene encodes a member of the glycosyltransferase 22 family. The encoded protein catalyzes the addition of the eighth mannose residue in an alpha-1,6 linkage onto the dolichol-PP-oligosaccharide precursor (dolichol-PP-Man(7)GlcNAc(2)) required for protein glycosylation. Mutations in this gene have been associated with congenital disorder of glycosylation type Ig (CDG-Ig) characterized by abnormal N-glycosylation.

Alias Symbols: ALG12, PP14673,

Protein Interaction Partner: RPL13A, PRDX4, UBC,

Protein Size: 488

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Gene ID: 79087

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NCBI Accession: [NP\\_077010](#)

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UniProt: [Q9BV10](#)

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## Application Details

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

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.

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Preservative: Sodium azide

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Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

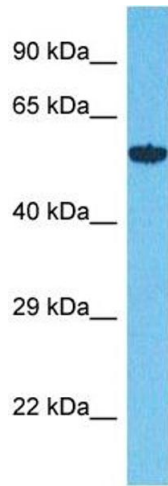
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Storage: -20 °C

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Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

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### Western Blotting

**Image 1.** Host: Rabbit Target Name: ALG12 Sample Type: 293T Whole Cell lysates Antibody Dilution: 1.0ug/ml