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## Datasheet for ABIN1449879 anti-ALG6 antibody (N-Term)

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, ZebrafishSpecies reactivity (tested):Human
Purification:	Purified using peptide immunoaffinity column

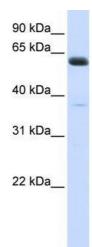
### Target Details

Target:	ALG6
Alternative Name:	ALG6 (ALG6 Products)
Background:	ALG6 is a member of the ALG6/ALG8 glucosyltransferase family. It catalyzes the addition of the

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## 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 $\mu$ L 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

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