

## Product datasheet for **TA356833**

### ALG12 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Immunogen:	The immunogen is a synthetic peptide directed towards the N-terminal region of Human ALG12
Specificity:	<b>Expected reactivity:</b> Cow, Dog, Goat, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Yeast, Zebrafish <b>Homology:</b> Cow: 100%; Dog: 93%; Goat: 79%; Guinea Pig: 93%; Horse: 86%; Human: 100%; Mouse: 100%; Rabbit: 93%; Rat: 100%; Yeast: 85%; Zebrafish: 86%
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Concentration:	lot specific
Purification:	Affinity purified
Conjugation:	Unconjugated
Storage:	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.
Stability:	Shelf life: one year from despatch.
Predicted Protein Size:	53kDa
Gene Name:	ALG12, alpha-1,6-mannosyltransferase
Database Link:	<a href="#">NP_077010</a> <a href="#">Entrez Gene 79087 Human</a> <a href="#">Q9BV10</a>



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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.

**Synonyms:** dolichyl-P-mannose:Man-7-GlcNAc-2-PP-dolichyl-alpha; ECM39; hALG12; MGC3136; MGC111358; PP14673

### Product images:

