

**ALG11 Polyclonal Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP58808****Specification****ALG11 Polyclonal Antibody - Product Information**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P, IHC-F, IF, E    |
| Primary Accession | <a href="#">Q2TAA5</a> |
| Reactivity        | Rat, Dog               |
| Host              | Rabbit                 |
| Clonality         | Polyclonal             |
| Calculated MW     | 55651                  |

**ALG11 Polyclonal Antibody - Additional Information****Gene ID** 440138**Other Names**

GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1, 2-mannosyltransferase, 2.4.1.131, Asparagine-linked glycosylation protein 11 homolog, Glycolipid 2-alpha-mannosyltransferase, ALG11, GT8

**Dilution**

IHC-P~N/A  
IHC-F~N/A  
IF~1:50~200  
E~N/A

**Storage**

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

**ALG11 Polyclonal Antibody - Protein Information****Name** ALG11 ([HGNC:32456](#))**Synonyms** GT8**Function**

GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase that operates in the biosynthetic pathway of dolichol-linked oligosaccharides, the glycan precursors employed in protein asparagine (N)-glycosylation. The assembly of dolichol-linked oligosaccharides begins on the cytosolic side of the endoplasmic reticulum membrane and finishes in its lumen. The sequential addition of sugars to dolichol pyrophosphate produces dolichol-linked oligosaccharides containing fourteen sugars, including two GlcNAcs, nine mannoses and three glucoses. Once assembled, the oligosaccharide is transferred from the lipid to nascent proteins by oligosaccharyltransferases. Catalyzes, on the cytoplasmic face of the endoplasmic reticulum, the addition of the fourth and fifth mannose residues to the dolichol-linked oligosaccharide chain, to produce Man(5)GlcNAc(2)-PP-dolichol core oligosaccharide (PubMed: <http://www.uniprot.org/citations/20080937> target="\_blank">20080937</a>). Man(5)GlcNAc(2)-PP-dolichol is a substrate for ALG3, the

following enzyme in the biosynthetic pathway (PubMed:<a href="http://www.uniprot.org/citations/10581255" target="\_blank">10581255</a>).

**Cellular Location**

Endoplasmic reticulum membrane; Single-pass membrane protein  
{ECO:0000250|UniProtKB:P53954}

**ALG11 Polyclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**ALG11 Polyclonal Antibody - Images**