

## Rabbit anti-Human, Mouse ALG11 Polyclonal Antibody | anti-ALG11 antibody

ALG11 Antibody

|                               |                       |                                   |                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA305662</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|

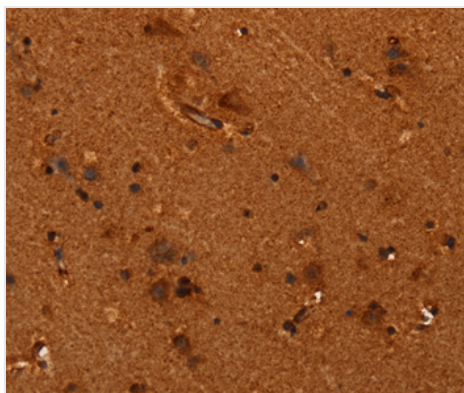
### PRODUCT SYNONYMS

ALG11; Polyclonal Antibody; ALG11 Antibody; GT8; CDG1P; anti-ALG11 antibody

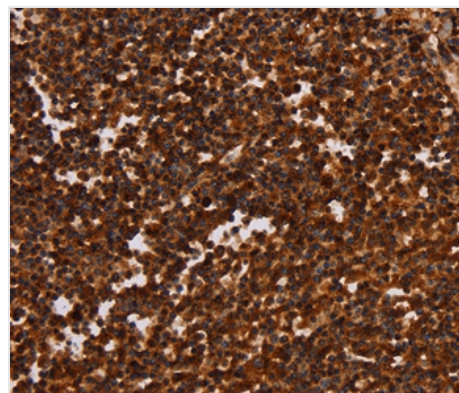
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                          |
|-------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                   |
| Reactivity                                      | Human, Mouse                                                                                                             |
| Clonality                                       | Polyclonal                                                                                                               |
| Specificity                                     | The antibody detects endogenous levels of total ALG11 protein.                                                           |
| Purity/Purification                             | Antigen affinity purification.                                                                                           |
| Form/Format                                     | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                                          |
| Concentration                                   | 2.8 mg/ml (varies by lot)                                                                                                |
| Sequence Length                                 | 492                                                                                                                      |
| Applicable Applications for anti-ALG11 antibody | IHC (Immunohistochemistry)                                                                                               |
| Immunogen Type                                  | Peptide                                                                                                                  |
| Immunogen Description                           | Synthetic peptide corresponding to a region derived from internal residues of human ALG11, alpha-1,2-mannosyltransferase |
| Target Name                                     | ALG11                                                                                                                    |
| Preparation and Storage                         | Store at -20 degree C                                                                                                    |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human brain tissue using at dilution 1/40.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human tonsil tissue using at dilution 1/40.

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ALG11 antibody | This gene encodes a GDP-Man:Man3GlcNAc2-PP-dolichol-alpha1,2-mannosyltransferase which is localized to the cytosolic side of the endoplasmic reticulum (ER) and catalyzes the transfer of the fourth and fifth mannose residue from GDP-mannose (GDP-Man) to Man3GlcNAc2-PP-dolichol and Man4GlcNAc2-PP-dolichol resulting in the production of Man5GlcNAc2-PP-dolichol. Mutations in this gene are associated with congenital disorder of glycosylation type Ip (CDGIP). |
| Product Categories/Family for anti-ALG11 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                                                          |

NCBI AND UNIPROT INFORMATION

|                                  |                                                              |
|----------------------------------|--------------------------------------------------------------|
| NCBI GI #                        | 304434672                                                    |
| NCBI GeneID                      | 440138                                                       |
| NCBI Accession #                 | NP_001004127.2                                               |
| NCBI GenBank Nucleotide #        | NM_001004127.2                                               |
| UniProt Accession #              | Q2TAA5; Q5TAN9; Q6DKI6; Q96FI7; A5PLP3; B4DKW9               |
| Molecular Weight                 | 55,651 Da                                                    |
| NCBI Official Full Name          | GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase |
| NCBI Official Synonym Full Names | ALG11, alpha-1,2-mannosyltransferase                         |
| NCBI Official Symbol             | ALG11                                                        |
| NCBI Official Synonym Symbols    | GT8; CDG1P                                                   |
| NCBI Protein Information         | GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase |
| UniProt Protein Name             | GDP-Man:Man(3)GlcNAc(2)-PP-Dol alpha-1,2-mannosyltransferase |
| UniProt Gene Name                | ALG11                                                        |
| UniProt Synonym Gene Names       | GT8                                                          |
| UniProt Entry Name               | ALG11_HUMAN                                                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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