

## Rabbit anti-Human ALG2 Polyclonal Antibody | anti-ALG2 antibody

ALG2 Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA307449</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

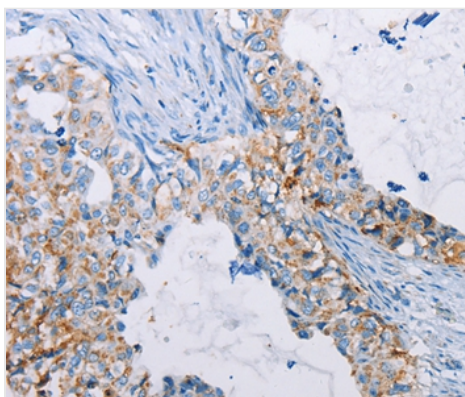
### PRODUCT SYNONYMS

ALG2; Polyclonal Antibody; ALG2 Antibody; CDGII; NET38; hALPG2; anti-ALG2 antibody

### PRODUCT SPECIFICATIONS

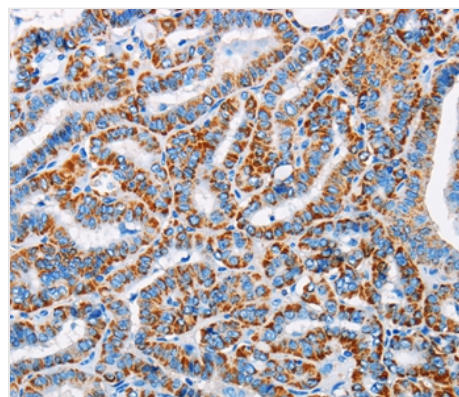
|                                                |                                                                                                               |
|------------------------------------------------|---------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                        |
| Reactivity                                     | Human                                                                                                         |
| Clonality                                      | Polyclonal                                                                                                    |
| Specificity                                    | The antibody detects endogenous levels of total ALG2 protein.                                                 |
| Purity/Purification                            | Antigen affinity purification.                                                                                |
| Form/Format                                    | Rabbit IgG in pH7.3 PBS, 0.05% NaN <sub>3</sub> , 50% Glycerol.                                               |
| Concentration                                  | 0.8 mg/ml (varies by lot)                                                                                     |
| Sequence Length                                | 416                                                                                                           |
| Applicable Applications for anti-ALG2 antibody | IHC (Immunohistochemistry)                                                                                    |
| Immunogen Type                                 | Recombinant Protein                                                                                           |
| Immunogen Description                          | Fusion protein corresponding to residues near the C terminal of human ALG2, alpha-1,3/1,6-mannosyltransferase |
| Target Name                                    | ALG2                                                                                                          |
| Preparation and Storage                        | Store at -20 degree C                                                                                         |

### IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/20.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human cervical cancer tissue using at dilution 1/20.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-ALG2 antibody | This gene encodes a member of the glycosyltransferase 1 family. The encoded protein acts as an alpha 1,3 mannosyltransferase, mannosylating Man(2)GlcNAc(2)-dolichol diphosphate and Man(1)GlcNAc(2)-dolichol diphosphate to form Man(3)GlcNAc(2)-dolichol diphosphate. Defects in this gene have been associated with congenital disorder of glycosylation type 1h (CDG-1h). Alternative splicing results in multiple transcript variants. |
| Product Categories/Family for anti-ALG2 antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                                                                                                            |

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 14861836                                |
| NCBI GeneID                      | 85365                                   |
| NCBI Accession #                 | NP_149078.1                             |
| NCBI GenBank Nucleotide #        | NM_033087.3                             |
| UniProt Accession #              | Q9H553; Q8NBX2; Q8NC39; A2A2Y0          |
| Molecular Weight                 | 37,017 Da                               |
| NCBI Official Full Name          | alpha-1,3/1,6-mannosyltransferase ALG2  |
| NCBI Official Synonym Full Names | ALG2, alpha-1,3/1,6-mannosyltransferase |
| NCBI Official Symbol             | ALG2                                    |
| NCBI Official Synonym Symbols    | CDG1h; CMS14; NET38; CMSTA3; hALPG2     |
| NCBI Protein Information         | alpha-1,3/1,6-mannosyltransferase ALG2  |
| UniProt Protein Name             | Alpha-1,3/1,6-mannosyltransferase ALG2  |
| UniProt Gene Name                | ALG2                                    |
| UniProt Entry Name               | ALG2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://www.aaabiotech.com/polyclonal/alg2-antibody-immunohistochemistry-elisa/307449>