

## Rabbit anti-Human A4GALT Polyclonal Antibody | anti-A4GALT antibody

A4GALT Antibody

|                               |                       |                            |                                             |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA303078</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|----------------------------|---------------------------------------------|

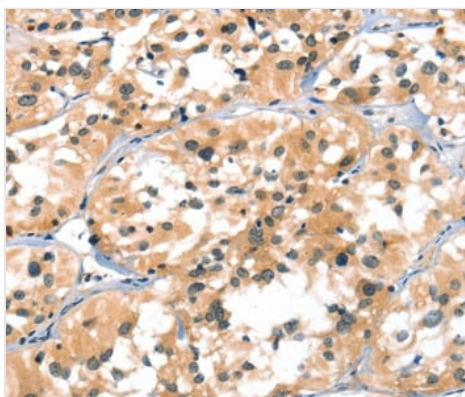
### PRODUCT SYNONYMS

A4GALT; Polyclonal Antibody; A4GALT Antibody; P1; PK; Gb3S; P(k); P1PK; A14GALT; A4GALT1; anti-A4GALT antibody

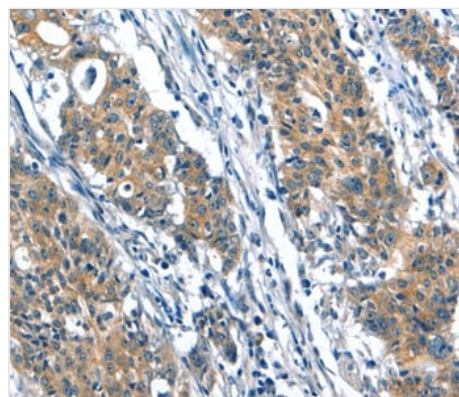
### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                     |
|--------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| Host                                             | Rabbit                                                                                                              |
| Reactivity                                       | Human                                                                                                               |
| Clonality                                        | Polyclonal                                                                                                          |
| Specificity                                      | The antibody detects endogenous levels of total A4GALT protein.                                                     |
| Purity/Purification                              | Antigen affinity purification.                                                                                      |
| Form/Format                                      | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol.                                                     |
| Concentration                                    | 2 mg/ml (varies by lot)                                                                                             |
| Sequence Length                                  | 353                                                                                                                 |
| Applicable Applications for anti-A4GALT antibody | IHC (Immunohistochemistry)                                                                                          |
| Immunogen Type                                   | Peptide                                                                                                             |
| Immunogen Description                            | Synthetic peptide corresponding to a region derived from internal residues of human alpha 1,4-galactosyltransferase |
| Target Name                                      | A4GALT                                                                                                              |
| Preparation and Storage                          | Store at -20°C.                                                                                                     |

### IMAGES


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human thyroid cancer tissue using at dilution 1/30.


**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded Human gastric cancer tissue using at dilution 1/30.

ADDITIONAL INFORMATION

|                                                      |                                                                                                                                                                                                                                                                                                                                                          |
|------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-A4GALT antibody | The protein encoded by this gene catalyzes the transfer of galactose to lactosylceramide to form globotriaosylceramide, which has been identified as the P(k) antigen of the P blood group system. The encoded protein, which is a type II membrane protein found in the Golgi, is also required for the synthesis of the bacterial verotoxins receptor. |
| Product Categories/Family for anti-A4GALT antibody   | Total protein Ab                                                                                                                                                                                                                                                                                                                                         |

NCBI AND UNIPROT INFORMATION

|                                  |                                                |
|----------------------------------|------------------------------------------------|
| NCBI GI #                        | 8392830                                        |
| NCBI GeneID                      | 53947                                          |
| NCBI Accession #                 | NP_059132.1                                    |
| NCBI GenBank Nucleotide #        | NM_017436.4                                    |
| UniProt Accession #              | Q9NPC4; Q9P1X5; B2R7C4                         |
| NCBI Official Full Name          | lactosylceramide 4-alpha-galactosyltransferase |
| NCBI Official Synonym Full Names | alpha 1,4-galactosyltransferase                |
| NCBI Official Symbol             | A4GALT                                         |
| NCBI Official Synonym Symbols    | P1; PK; Gb3S; P(k); P1PK; A14GALT; A4GALT1     |
| NCBI Protein Information         | lactosylceramide 4-alpha-galactosyltransferase |
| UniProt Protein Name             | Lactosylceramide 4-alpha-galactosyltransferase |
| UniProt Gene Name                | A4GALT                                         |
| UniProt Synonym Gene Names       | A14GALT; A4GALT1; Gb3 synthase                 |
| UniProt Entry Name               | A4GAT_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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Online datasheet: <https://stage.aaabiotech.com/polyclonal/a4galt-antibody-immunohistochemistry-elisa/303078>