

## Rabbit B4GALT3 Polyclonal Antibody | anti-B4GALT3 antibody

B4GALT3 Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                       |
|-----------|--------|-------------------|------------------------------------|
| AAA302199 | Rabbit | Human, Mouse, Rat | Immunohistochemistry, Western Blot |

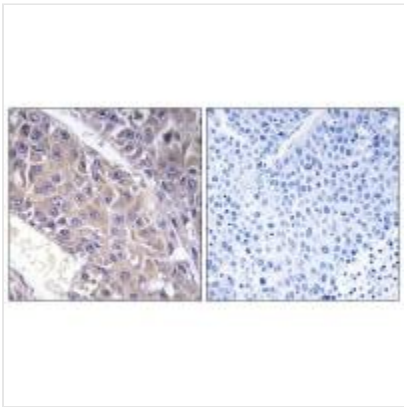
### PRODUCT SYNONYMS

B4GALT3; Polyclonal Antibody; B4GALT3 Antibody; beta-N-acetylglucosaminyl-glycolipid beta-1; 4-galactosyltransferase; beta-N-acetylglucosaminylglycopeptide beta-1; EC 2.4.1.-; anti-B4GALT3 antibody

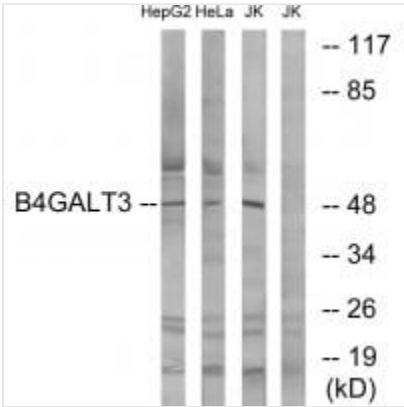
### PRODUCT SPECIFICATIONS

|                                                   |                                                                                                                                                    |
|---------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                              | Rabbit                                                                                                                                             |
| Reactivity                                        | Human, Mouse, Rat                                                                                                                                  |
| Clonality                                         | Polyclonal                                                                                                                                         |
| Specificity                                       | The antibody detects endogenous levels of total B4GALT3 protein.                                                                                   |
| Purity/Purification                               | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                              |
| Form/Format                                       | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. |
| Concentration                                     | 1.0 mg/ml (varies by lot)                                                                                                                          |
| Sequence Length                                   | 393                                                                                                                                                |
| Applicable Applications for anti-B4GALT3 antibody | IHC (Immunohistochemistry), WB (Western Blot)                                                                                                      |
| Immunogen Type                                    | Peptide                                                                                                                                            |
| Immunogen Description                             | Synthesized peptide derived from internal of human B4GALT3.                                                                                        |
| Target Name                                       | B4GALT3                                                                                                                                            |
| Preparation and Storage                           | Store at -20 degree C                                                                                                                              |

IMAGES



**IHC (Immunohistochemistry)**  
Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using B4GALT3 antibody.



**WB (Western Blot)**  
Western blot analysis of extracts from HepG2 cells, HeLa cells and Jurkat cells, using B4GALT3 antibody.

ADDITIONAL INFORMATION

|                                                       |                                                                                                                                                                                                                                                                                  |
|-------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-B4GALT3 antibody | Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids.Almeida R., J. Biol. Chem. 272:31979-31991(1997).Lo N.-W., Glycobiology 8:517-526(1998).Guo S., Glycobiology 11:813-820(2001). |
| Product Categories/Family for anti-B4GALT3 antibody   | Total protein Ab                                                                                                                                                                                                                                                                 |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                   |
|----------------------------------|-------------------------------------------------------------------|
| NCBI GI #                        | 315467841                                                         |
| NCBI GeneID                      | 8703                                                              |
| NCBI Accession #                 | NP_001186802.1                                                    |
| NCBI GenBank Nucleotide #        | NM_001199873.1                                                    |
| UniProt Accession #              | O60512; O60910; Q9BPZ4; Q9H8T2; D3DVG3                            |
| Molecular Weight                 | 15,654 Da                                                         |
| NCBI Official Full Name          | beta-1,4-galactosyltransferase 3                                  |
| NCBI Official Synonym Full Names | UDP-Gal:betaGlcNAc beta 1,4- galactosyltransferase, polypeptide 3 |
| NCBI Official Symbol             | B4GALT3                                                           |
| NCBI Official Synonym Symbols    | beta4Gal-T3                                                       |
| NCBI Protein Information         | beta-1,4-galactosyltransferase 3                                  |
| UniProt Protein Name             | Beta-1,4-galactosyltransferase 3                                  |
| UniProt Gene Name                | <b>B4GALT3</b>                                                    |
| UniProt Synonym Gene Names       | Beta-1,4-GalTase 3; Beta4Gal-T3; b4Gal-T3                         |
| UniProt Entry Name               | B4GT3_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.