

B3GALNT1 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54265**Specification****B3GALNT1 Polyclonal Antibody - Product Information**

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	O75752
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	39512

B3GALNT1 Polyclonal Antibody - Additional Information**Gene ID** 8706**Other Names**

UDP-GalNAc:beta-1, 3-N-acetylgalactosaminyltransferase 1, Beta-1, 3-GalNAc-T1, 2.4.1.79, Beta-1, 3-galactosyltransferase 3, Beta-1, 3-GalTase 3, Beta3Gal-T3, Beta3GalT3, b3Gal-T3, Beta-3-Gx-T3, Galactosylgalactosylglucosylceramide beta-D-acetyl-galactosaminyltransferase, Globoside synthase, UDP-N-acetylgalactosamine:globotriaosylceramide beta-1, 3-N-acetylgalactosaminyltransferase, B3GALNT1 ([target="http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=918"](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=918)), B3GALT3

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>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.

B3GALNT1 Polyclonal Antibody - Protein Information**Name** B3GALNT1 ([HGNC:918](#))**Synonyms** B3GALT3**Function**

Transfers N-acetylgalactosamine onto globotriaosylceramide (PubMed:[target="http://www.uniprot.org/citations/10993897"](http://www.uniprot.org/citations/10993897)). Plays a critical role in preimplantation stage embryonic development (By similarity).

Cellular Location

Golgi apparatus membrane; Single-pass type II membrane protein

Tissue Location

Higher expression in heart and brain, and to a lesser extent in lung, placenta, kidney and testis.
Lower expression in liver, spleen and stomach. No expression in skeletal muscle

B3GALNT1 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](#)

B3GALNT1 Polyclonal Antibody - Images