10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

B3GALNT1 Polyclonal Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP54265

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

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 (HGNC:918), B3GALT3
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,ICC=1:100-500,IF=1:100-500,ELISA=1:5000-10000
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.

Protein Information

Name	B3GALNT1 (HGNC:918)
Synonyms	B3GALT3
Function	Transfers N-acetylgalactosamine onto globotriaosylceramide (PubMed: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

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.