

DNAxPAb

Hard-to-Find
Antibody

B3GNT3 DNAxPab

Catalog # H00010331-W01P

Size 200 ug

Specification

Product Description Rabbit polyclonal antibody raised against a full-length human B3GNT3 DNA using DNAx™ Immune technology.

Technology [DNAx™ Immune](#)

Immunogen Full-length human DNA

Sequence MKYLRHRRPNATLILAIGAFLLLFSLLVSPPTCKVQEQQPAIPEALAWPTPPTRPAPAPCHANTSM
VTHPDFATQPQHVNFLLYRHCRHFLLQDVPPSKCAQPVFLLLVIKSSPSNYVRRELLRRTWGR
ERKVRGLQLRLLFLVGTASNPEARKVNRLLLEAQTGHDILQWDFHDSFFNLTLKQVLFLQWQE
TRCANASFVLNGDDDVFAHTDNMVFYLDHDPGRHLFVGQLIQNVGPIRAFWSKYVPEVVTQN
ERYPPYCGGGGFLSRFTAAALRRAHVLDIFPIDDVFLGMCLELEGLKPASHSGIRTSGVRAPSQ
HLSSFDPFCFYRDLVLVHRFLPYEMLLMRDALNQPNLTCGNQTQY

Host Rabbit

Reactivity Human

Purification Protein A

Quality Control Testing Antibody reactive against mammalian transfected lysate.

Storage Buffer In 1x PBS, pH 7.4

Storage Instruction Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

Gene Info — B3GNT3

Entrez GeneID [10331](#)

GeneBank Accession# [BC067423.1](#)

Protein Accession# [AAH67423.1](#)

Gene Name B3GNT3

Gene Alias B3GAL-T8, B3GN-T3, B3GNT-3, HP10328, TMEM3, beta3Gn-T3

Gene Description UDP-GlcNAc:betaGal beta-1,3-N-acetylglucosaminyltransferase 3

Omim ID [605863](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase family. This enzyme is a type II transmembrane protein and contains a signal anchor that is not cleaved. It prefers the substrates of lacto-N-tetraose and lacto-N-neotetraose, and is involved in the biosynthesis of poly-N-acetyllactosamine chains and the biosynthesis of the backbone structure of dimeric sialyl Lewis x. It plays dominant roles in L-selectin ligand biosynthesis, lymphocyte homing and lymphocyte trafficking. [provided by RefSeq]

Other Designations beta-1,3-N-acetylglucosaminyltransferase bGnT-3|putative type II membrane protein|transmembrane protein 3

Pathway

- [Glycosphingolipid biosynthesis - lacto and neolacto series](#)
- [Metabolic pathways](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Hyperparathyroidism](#)
- [Inflammation](#)

- [Lymphoma](#)