

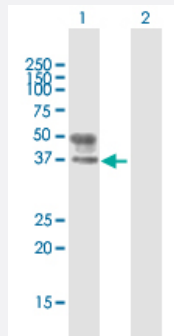
MaxPab®

B3GNT3 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00010331-B01P

Size 50 ug

Applications



Western Blot (Transfected lysate)

Western Blot analysis of B3GNT3 expression in transfected 293T cell line ([H00010331-T01](#)) by B3GNT3 MaxPab polyclonal antibody.

Lane 1: B3GNT3 transfected lysate(40.92 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Mouse polyclonal antibody raised against a full-length human B3GNT3 protein.
Immunogen	B3GNT3 (AAH67423.1, 1 a.a. ~ 372 a.a) full-length human protein.
Sequence	MKYLRRHRRPNATLILAIGAFLLLLFSLLVSPPTCKVQEQPPAIPALAWPTPPTRPAPAPCHANTSM VTHPDFATQPQHVNQNFLLYRHCRRHFLLQDVPPSKCAQPVFLLLVIKSSPSNYVRRELLRRTWGR ERKVRGLQLRLLFLVGTASNPHARKVNRLLLELEAQTHGDILQWDFHDSFFNLTLKQVLFLQWQE TRCANASFVLNGDDDVFAHTDNMVFYLDHDPGRHLFVGQLIQNVGPIRAFWSKYYVPEVVTQN ERYPPYCGGGGFLSRFTAAALRRAAHVLDIFPIDDVFLGMCLELEGLKPASHSGIRTSGVRAPSQ HLSSFDPCFYRDLVVHRFLPYEMLLMRDALNQPNLTCGNQTQY
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (67); Rat (66)
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.

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[Protocol Download](#)

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](#)