

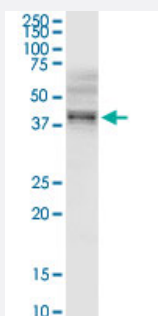
MaxPab®

B3GNT3 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00010331-D01P

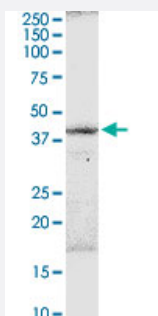
Size 100 ug

Applications



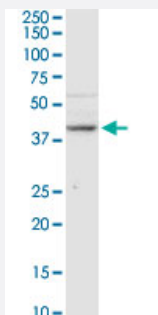
Western Blot (Tissue lysate)

B3GNT3 MaxPab rabbit polyclonal antibody. Western Blot analysis of B3GNT3 expression in human colon.



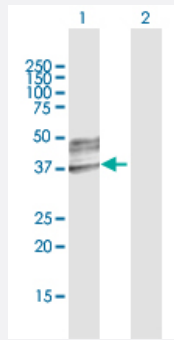
Western Blot (Tissue lysate)

B3GNT3 MaxPab rabbit polyclonal antibody. Western Blot analysis of B3GNT3 expression in mouse liver.



Western Blot (Cell lysate)

B3GNT3 MaxPab rabbit polyclonal antibody. Western Blot analysis of B3GNT3 expression in MCF-7.



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(42.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description	Rabbit 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	MKYLRRHPNATLILAIGAFLLLSLLVSPPTCKVQEPPAIPALAWPTPPTRPAPAPCHANTSM VTHPDFATQPQHVNQNFLLYRHRHFLLQDVPPSKCAQPVFLLLVKSSPSNYVRRELLRRTWGR ERKVRGLQLRLLFLVGTASNPHARKVNRLLLELAQTHGDILQWDFHDSFFNLTKQVFLQWQE TRCANASFVLNGDDDVFAHTDNMVFYLDHDPGRHLFVGQLIQNVGPIRAFWSKYVPEVVTQN ERYPPYCGGGGFLSRFTAAALRRAAHVLDIFPIDDVFLGMCLELEGLKPASHSGIRTSGVRAPSQ HLSSFDPCFYRDLVLVHRFLPYEMLLMRDALNQPNLTGNGTQIY
Host	Rabbit
Reactivity	Human, Mouse
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.

Applications

● Western Blot (Tissue lysate)

B3GNT3 MaxPab rabbit polyclonal antibody. Western Blot analysis of B3GNT3 expression in human colon.

[Protocol Download](#)

- Western Blot (Tissue lysate)

B3GNT3 MaxPab rabbit polyclonal antibody. Western Blot analysis of B3GNT3 expression in mouse liver.

[Protocol Download](#)

- Western Blot (Cell lysate)

B3GNT3 MaxPab rabbit polyclonal antibody. Western Blot analysis of B3GNT3 expression in MCF-7.

[Protocol Download](#)

- Western Blot (Transfected lysate)

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

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Lane 2: Non-transfected lysate.

[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

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- [Metabolic pathways](#)

Disease

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