

Product datasheet

Anti-B3GNT3 antibody ab70156

★★★★★ [1 Abreviews](#) [1 References](#) [1 Image](#)

Overview

| | |
|----------------------------|---|
| Product name | Anti-B3GNT3 antibody |
| Description | Mouse polyclonal to B3GNT3 |
| Host species | Mouse |
| Tested applications | Suitable for: WB |
| Species reactivity | Reacts with: Human |
| Immunogen | Recombinant full length protein within Human B3GNT3. The exact immunogen sequence used to generate this antibody is proprietary information. If additional detail on the immunogen is needed to determine the suitability of the antibody for your needs, please contact our Scientific Support team to discuss your requirements. |
| Positive control | B3GNT3 transfected 293T cell lysate. |
| General notes | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p> |

Properties

| | |
|-----------------------------|---|
| Form | Liquid |
| Storage instructions | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| Storage buffer | pH: 7.40 Constituent: 100% PBS |
| Purity | Protein G purified |
| Clonality | Polyclonal |
| Isotype | IgG |

Applications

The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab70156 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes |
|-------------|-----------|-------|
| WB | | |

Application notes

WB: 1/500 - 1/1000. Detects a main band of approximately 40, and fainter bands of 49 and 51 kDa (predicted molecular weight: 43 kDa).

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

Target

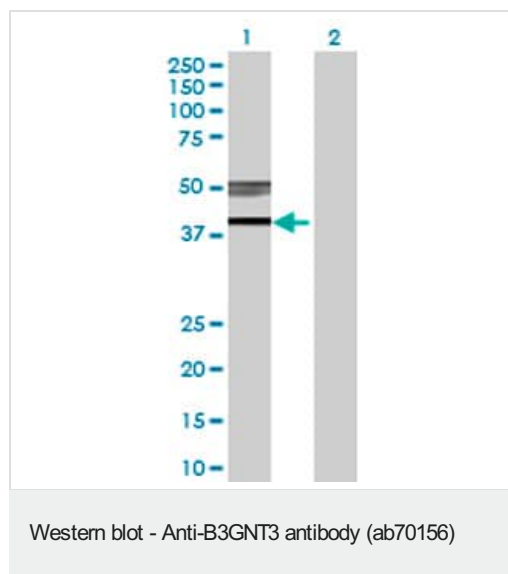
Relevance

B3GNT3 belongs to the glycosyltransferase 31 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. B3GNT3 plays dominant roles in L-selectin ligand biosynthesis, lymphocyte homing and lymphocyte trafficking. It is expressed in colon, jejunum, stomach, esophagus, placenta and trachea.

Cellular localization

Golgi apparatus membrane; Single pass type II membrane protein.

Images



All lanes : Anti-B3GNT3 antibody (ab70156) at 1/500 dilution

Lane 1 : B3GNT3 transfected 293T cell lysate

Lane 2 : Non-transfected 293T cell lysate

Lysates/proteins at 25 µg per lane.

Secondary

All lanes : Goat Anti-Mouse IgG (H&L)-HRP Conjugate at 1/2500 dilution

Predicted band size: 43 kDa

Observed band size: 40 kDa

Additional bands at: 49 kDa, 51 kDa. We are unsure as to the identity of these extra bands.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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