

Product datasheet

Anti-B3GNT5 antibody ab69272

1 Image

Overview

<b>Product name</b>	Anti-B3GNT5 antibody
<b>Description</b>	Mouse polyclonal to B3GNT5
<b>Host species</b>	Mouse
<b>Tested applications</b>	<b>Suitable for:</b> WB
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Full length human B3GNT5 protein (NP_114436).
<b>Positive control</b>	B3GNT5 transfected 293T cell lysate

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	Preservative: None Constituents: 1X PBS, pH 7.2
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

Applications

Our [Abpromise guarantee](#) covers the use of **ab69272** 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		1/500 - 1/1000. Detects a band of approximately 44 kDa (predicted molecular weight: 44 kDa).

Target

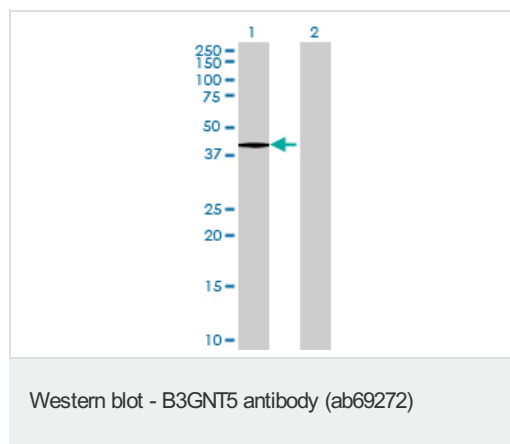
## Relevance

B3GNT5 is a beta 1,3 N acetylglucosaminyltransferase that plays a key role in the synthesis of lacto- or neolacto-series carbohydrate chains on glycolipids, notably by participating in biosynthesis of HNK-1 and Lewis X carbohydrate structures. It has strong activity toward lactosylceramide (LacCer) and neolactotetraosylceramide (nLc(4)Cer; paragloboside), resulting in the synthesis of Lc(3)Cer and neolactopentaosylceramide (nLc(5)Cer), respectively.

## Cellular localization

Golgi Apparatus membrane; Single-pass type II membrane protein

## Images



**All lanes :** Anti-B3GNT5 antibody (ab69272)  
at 1/500 dilution

**Lane 1 :** B3GNT5 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:** 44 kDa

**Observed band size:** 44 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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