

Product datasheet

Anti-B3GNT5 antibody ab69272

1 Image

Overview

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

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	Preservative: None Constituents: 1X PBS, pH 7.2
Purity	Protein A purified
Clonality	Polyclonal
Isotype	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

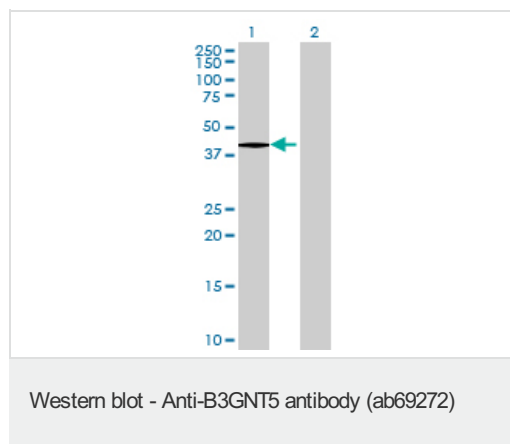
Relevance

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

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