

Datasheet for ABIN635951  
**anti-B4GALNT1 antibody (N-Term)**



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1 Image

## Overview

Quantity:	100 µL
Target:	B4GALNT1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B4GALNT1 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	B4 GALNT1 antibody was raised using the N terminal of B4 ALNT1 corresponding to a region with amino acids APWAPPQSPRRPELPDLAPEPRYAHIPVRIKEQVVGLLAWNNCSCESSGG
Specificity:	B4 GALNT1 antibody was raised against the N terminal of B4 ALNT1
Purification:	Affinity purified

## Target Details

Target:	B4GALNT1
Alternative Name:	B4GALNT1 ( <a href="#">B4GALNT1 Products</a> )
Background:	GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids. GalNAc-T is the enzyme involved in the biosynthesis of G(M2) and G(D2) glycosphingolipids. B4GALNT1(GalNAc-T) catalyzes the transfer of GalNAc into G(M3) and G(D3) by a beta-1,4

## Target Details

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linkage, resulting in the synthesis of G(M2) and G(D2), respectively. GM2 and GD2 gangliosides are sialic acid-containing glycosphingolipids.

Molecular Weight: 59 kDa (MW of target protein)

## Application Details

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Application Notes: WB: 1 µg/mL  
Optimal conditions should be determined by the investigator.

Comment: B4GALNT1 Blocking Peptide, catalog no. 33R-1441, is also available for use as a blocking control in assays to test for specificity of this B4GALNT1 antibody

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Lyophilized powder. Add distilled water for a 1 mg/mL concentration of B0 ALNT1 antibody in PBS

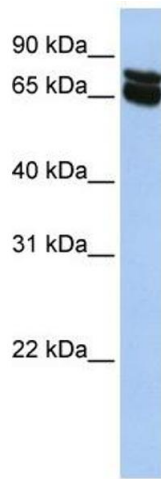
Concentration: Lot specific

Buffer: PBS

Handling Advice: Avoid repeated freeze/thaw cycles.  
Dilute only prior to immediate use.

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short periods. For longer periods of storage, store at -20 °C.



### Western Blotting

**Image 1.** B4GALNT1 antibody used at 1 ug/ml to detect target protein.