

Datasheet for ABIN653427  
**anti-B4GALT2 antibody (C-Term)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	400 µL
Target:	B4GALT2
Binding Specificity:	AA 290-318, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B4GALT2 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This B4GALT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 290-318 amino acids from the C-terminal region of human B4GALT2.
Clone:	RB23048
Isotype:	Ig Fraction
Predicted Reactivity:	Ha
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	B4GALT2
Alternative Name:	B4GALT2 ( <a href="#">B4GALT2 Products</a> )

## Target Details

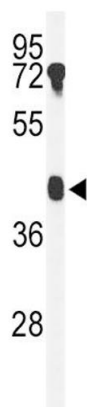
Background:	B4GALT2 is one of type II membrane-bound glycoproteins that appear to have exclusive specificity for the donor substrate UDP-galactose, all transfer galactose in a beta1,4 linkage to similar acceptor sugars: GlcNAc, Glc, and Xyl. Each beta4GalT has a distinct function in the biosynthesis of different glycoconjugates and saccharide structures. As type II membrane proteins, they have an N-terminal hydrophobic signal sequence that directs the protein to the Golgi apparatus and which then remains uncleaved to function as a transmembrane anchor. By sequence similarity, the beta4GalTs form four groups: beta4GalT1 and beta4GalT2, beta4GalT3 and beta4GalT4, beta4GalT5 and beta4GalT6, and beta4GalT7. The enzyme synthesizes N-acetyllactosamine in glycolipids and glycoproteins. Its substrate specificity is affected by alpha-lactalbumin but it is not expressed in lactating mammary tissue.
Molecular Weight:	41972
Gene ID:	8704
NCBI Accession:	<a href="#">NP_001005417</a> , <a href="#">NP_003771</a> , <a href="#">NP_085076</a>
UniProt:	<a href="#">O60909</a>
Pathways:	<a href="#">Glycosaminoglycan Metabolic Process</a>

## Application Details

Application Notes:	WB: 1:1000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.
Expiry Date:	6 months



#### Western Blotting

**Image 1.** Western blot analysis of B4GALT2 Antibody (C-term) (ABIN653427 and ABIN2842871) in mouse testis tissue lysates (35 µg/lane). B4GALT2 (arrow) was detected using the purified Pab.