

Datasheet for ABIN2782253  
**anti-B3GALT2 antibody (C-Term)**[Go to Product page](#)

## 3 Images

## Overview

Quantity:	100 µL
Target:	B3GALT2
Binding Specificity:	C-Term
Reactivity:	Human, Mouse, Rat, Dog, Goat, Guinea Pig, Horse, Rabbit, Cow, Sheep, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B3GALT2 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

## Product Details

Immunogen:	The immunogen is a synthetic peptide corresponding to a region of Mouse
Sequence:	RVDPVPPPNE FVFNHWRVSY SSCKYSHLIT SHQFQPSELI KYWNHLQQNK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 93%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against B3galt2. It was validated on Western Blot.
Purification:	Affinity Purified

## Target Details

Target:	B3GALT2
Alternative Name:	B3galt2 ( <a href="#">B3GALT2 Products</a> )

## Target Details

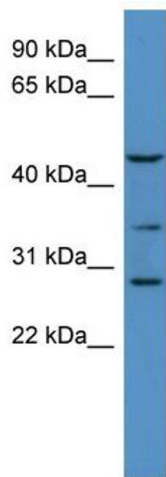
Background:	B3galt2 is beta-1,3-galactosyltransferase that transfers galactose from UDP-galactose to substrates with a terminal beta-N-acetylglucosamine (beta-GlcNAc) residue. B3galt2 can also utilize substrates with a terminal galactose residue, albeit with lower efficiency. B3galt2 is involved in the biosynthesis of the carbohydrate moieties of glycolipids and glycoproteins. Alias Symbols: - Protein Size: 422
Molecular Weight:	49 kDa
Gene ID:	26878
NCBI Accession:	<a href="#">NM_020025</a> , <a href="#">NP_064409</a>
UniProt:	<a href="#">O54905</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 422 AA
Restrictions:	For Research Use only

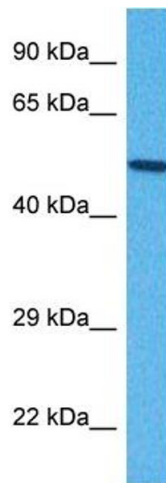
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.



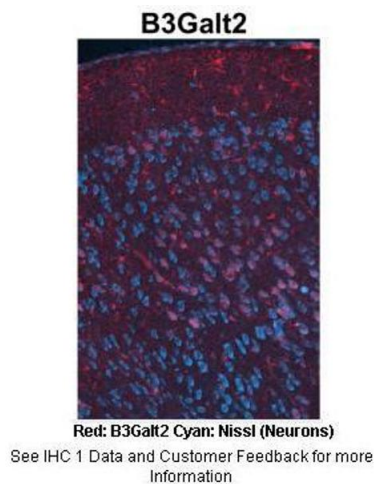
**Western Blotting**

**Image 1.** WB Suggested Anti-B3galt2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:12500 Positive Control: Mouse Brain



**Western Blotting**

**Image 2.** Host: Rabbit Target Name: B3GALT2 Sample Tissue: Mouse NIH 373 Whole Cell Antibody Dilution: 1ug/ml



**Immunohistochemistry**

**Image 3.** Sample Type : Adult mouse cortex Primary Antibody Dilution : 1:500 Secondary Antibody : Anti-rabbit-Cy3 Secondary Antibody Dilution : 1:1000 Color/Signal Descriptions : Red: B3Galt2 Cyan: Nissl(Neurons) Gene Name : B3galt2 Submitted by : Joshua R. Sanes, Molecular and Cellular Biology, Harvard University