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Datasheet for ABIN2783624

## anti-B3GALNT2 antibody (Middle Region)

### 1 Image

#### Overview

Quantity:	100 µL
Target:	B3GALNT2
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Zebrafish (Danio rerio)
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B3GALNT2 antibody is un-conjugated
Application:	Western Blotting (WB)

#### Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the middle region of human B3GALNT2
Sequence:	GKWQELEYPS PAYPAFACGS GYVISKDIVK WLASNSGRLK TYQGEDVSMG
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 93%
Characteristics:	This is a rabbit polyclonal antibody against B3GALNT2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

#### Target Details

Target:	B3GALNT2
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## Target Details

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Alternative Name:	B3GALNT2 ( <a href="#">B3GALNT2 Products</a> )
Background:	<p>B3GALNT2 is the beta-1,3-N-acetylgalactosaminyltransferase active in synthesizing a unique carbohydrate structure, GalNAc-beta-1-3GlcNAc, on N- and O-glycans. B3GALNT2 has no galactose nor galactosaminyl transferase activity toward any acceptor substrate.</p> <p>Alias Symbols: B3GalNAc-T2, MGC39558</p> <p>Protein Interaction Partner: FBXO6, UBC,</p> <p>Protein Size: 500</p>
Molecular Weight:	57 kDa
Gene ID:	148789
NCBI Accession:	<a href="#">NM_152490</a> , <a href="#">NP_689703</a>
UniProt:	<a href="#">Q8NCR0</a>

## Application Details

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Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 500 AA
Restrictions:	For Research Use only

## Handling

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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-B3GALNT2 Antibody Titration:  
0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: OVCAR-3  
cell lysate