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Datasheet for ABIN2783574
anti-B3GNT4 antibody (N-Term)

1 Image

Overview

Quantity:	100 µL
Target:	B3GNT4
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Horse, Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B3GNT4 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human B3GNT4
Sequence:	MLPPQPSAAH QGRGGRSGLL PKGPAMLCRL CWLVSYSLAV LLLGCLLFLR
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 93%, Human: 100%, Mouse: 86%, Pig: 92%, Rat: 86%
Characteristics:	This is a rabbit polyclonal antibody against B3GNT4. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	B3GNT4
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Target Details

Alternative Name:	B3GNT4 (B3GNT4 Products)
Background:	<p>B3GNT4 is a member of the beta-1,3-N-acetylglucosaminyltransferase protein family. The protein is involved in the biosynthesis of poly-N-acetylglucosamine chains and prefers lacto-N-neotetraose as a substrate. It is a type II transmembrane protein. This gene encodes a member of the beta-1,3-N-acetylglucosaminyltransferase protein family. The encoded enzyme is involved in the biosynthesis of poly-N-acetylglucosamine chains and prefers lacto-N-neotetraose as a substrate. It is a type II transmembrane protein.</p> <p>Alias Symbols: B3GN-T4, beta3Gn-T4</p> <p>Protein Interaction Partner: CUL4B, GOLM1,</p> <p>Protein Size: 378</p>
Molecular Weight:	42 kDa
Gene ID:	79369
NCBI Accession:	NM_030765 , NP_110392
UniProt:	Q9C0J1

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 378 AA
Restrictions:	For Research Use only

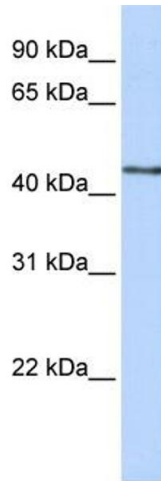
Handling

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

Handling

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.

Images



Western Blotting

Image 1. WB Suggested Anti-B3GNT4 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: 293T cell lysate