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Datasheet for ABIN2782250
anti-B4GALT3 antibody (N-Term)

2 Images

Overview

Quantity:	100 µL
Target:	B4GALT3
Binding Specificity:	N-Term
Reactivity:	Human, Rat, Mouse, Cow, Dog, Guinea Pig, Horse, Rabbit, Saccharomyces cerevisiae
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This B4GALT3 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 B4GALT3
Sequence:	PQGLPYCPER SPLLVGPVSV SFSPVPSLAE IVERNPRVEP GGRYRPAGCE
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 93%, Rat: 100%, Yeast: 79%
Characteristics:	This is a rabbit polyclonal antibody against B4GALT3. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	B4GALT3
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Target Details

Alternative Name:	B4GALT3 (B4GALT3 Products)
Background:	<p>B4GALT3 is an enzyme that may be mainly involved in the synthesis of the first N-acetyllactosamine unit of poly-N-acetyllactosamine chains.</p> <p>Alias Symbols: beta4Gal-T3</p> <p>Protein Interaction Partner: FBXO6, SURF2, ARL15, SAT1,</p> <p>Protein Size: 393</p>
Molecular Weight:	44 kDa
Gene ID:	8703
NCBI Accession:	NM_003779 , NP_003770
UniProt:	O60512
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 393 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-B4GALT3 Antibody Titration: 0.2-1 ug/ml Positive Control: 293T cell lysate B4GALT3 is supported by BioGPS gene expression data to be expressed in HEK293T

Western Blotting

Image 2. WB Suggested Anti-B4GALT3 Antibody Titration: 0.2-1 µg/mL Positive Control: 93T cell lysate B4GALT3 is supported by BioGPS gene expression data to be expressed in HEK293T