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Datasheet for ABIN7467161 **anti-C1GALT1C1 antibody**

Overview

Quantity:	100 µL
Target:	C1GALT1C1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This C1GALT1C1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human C1GALT1C1. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rat
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	C1GALT1C1
Alternative Name:	C1GALT1 specific chaperone 1 (C1GALT1C1 Products)
Background:	C1GALT1 specific chaperone 1 , C1GALT2 , C38H2-L1 , COSMC , HSPC067 , MST143 , TNPS, This gene encodes a type II transmembrane protein that is similar to the core 1 beta1,3-galactosyltransferase 1, which catalyzes the synthesis of the core-1 structure, also known as

Target Details

Thomsen-Friedenreich antigen, on O-linked glycans. This gene product lacks the galactosyltransferase activity itself, but instead acts as a molecular chaperone required for the folding, stability and full activity of the core 1 beta1,3-galactosyltransferase 1. Mutations in this gene have been associated with Tn syndrome. Alternatively spliced transcript variants encoding the same protein have been identified. [provided by RefSeq]

Molecular Weight: 36 kDa

Gene ID: 29071

UniProt: [Q96EU7](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Comment: Validation: Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.98 mg/mL

Buffer: 0.1M Tris-Glycine (pH 7), 20 % Glycerol, 0.01 % Thimerosal

Preservative: Thimerosal (Merthiolate)

Precaution of Use: This product contains Thimerosal (Merthiolate): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.