

C1GALT1C1

Reactivity: Human Mouse Rat

Tested applications: WB IHC

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100

Calculated MW: 36kDa

Observed MW: Refer to figures

Immunogen:

Recombinant protein of human C1GALT1C1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Synonym:

TNPS; COSMC; MST143; C1GALT2; HSPC067; C38H2-L1;

Catalog #: A7590

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 29071

Isotype: IgG

Swiss Prot: Q96EU7

Purity: Affinity purification

For research use only.

Background:

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 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.

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