

## 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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