

### **Product datasheet for TA360425**

# OriGene Technologies, Inc.

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# **C1GALT1C1** Rabbit Polyclonal Antibody

#### **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Reactivity: Human Host: Rabbit

Clonality: Polyclonal

**Immunogen:** The immunogen is a synthetic peptide directed towards the N terminal region of human

C1GALT1C1

**Specificity: Expected reactivity**: Human

Formulation: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2%

sucrose.

Note that this product is shipped as lyophilized powder to China customers.

**Concentration:** lot specific

Purification: Affinity purified
Conjugation: Unconjugated

**Storage:** 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.

**Stability:** Shelf life: one year from despatch.

Predicted Protein Size: 36 kDa

**Gene Name:** C1GALT1 specific chaperone 1

Database Link: <u>NP 001011551.1</u>

Entrez Gene 29071 Human

Q96EU7





### C1GALT1C1 Rabbit Polyclonal Antibody - TA360425

**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

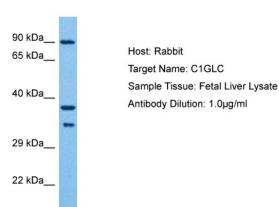
encoding the same protein have been identified.

Synonyms: C1Gal-T2; C1GALT2; C38H2-L1; COSMC; HSPC067; MGC19947; MST143

**Protein Families:** Transmembrane

**Protein Pathways:** Metabolic pathways, O-Glycan biosynthesis

## **Product images:**



Host: Rabbit

Target Name: C1GALT1C1 Sample Tissue: Human Fetal Liver Antibody Dilution: 1.0ug/ml