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Datasheet for ABIN1421950  
**anti-C1GALT1 antibody (AA 185-220) (HRP)**

### Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µL  |
| Target:              | C1GALT1   |
| Binding Specificity: | AA 185-220  |
| Reactivity:          | Human, Mouse, Rat   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This C1GALT1 antibody is conjugated to HRP                  |
| Application:         | Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)) |

### Product Details

|                   |   |
|-------------------|---|
| Immunogen:        | KLH conjugated synthetic peptide derived from human C1GALT1 |
| Isotype:          | IgG   |
| Cross-Reactivity: | Human, Mouse, Rat   |
| Purification:     | Purified by Protein A.                                      |

### Target Details

|                   |  |
|-------------------|--|
| Target:           | C1GALT1  |
| Alternative Name: | C1GALT1 ( <a href="#">C1GALT1 Products</a> )   |
| Background:       | Synonyms: C1GALT, T-synthase, Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1, B3Gal-T8, Core 1 O-glycan T-synthase, Core 1 UDP-galactose:N- |

## Target Details

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acetylgalactosamine-alpha-R beta 1,3-galactosyltransferase 1, Beta-1,3-galactosyltransferase, Core 1 beta1,3-galactosyltransferase 1, C1GalT1, Core 1 beta3-Gal-T1

Background: Glycosyltransferase that generates the core 1 O-glycan Gal-beta1-3GalNAc-alpha1-Ser/Thr (T antigen), which is a precursor for many extended O-glycans in glycoproteins. Plays a central role in many processes, such as angiogenesis, thrombopoiesis and kidney homeostasis development.

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Gene ID: 56913

UniProt: [Q9NS00](#)

## Application Details

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Application Notes: IHC-P 1:200-400

Restrictions: For Research Use only

## Handling

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Format: Liquid

Concentration: 1 µg/µL

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months