

C1GALT1C1 Rabbit Polyclonal Antibody



CAB7590

Product Information

Size:

20uL, 50uL, 100uL, 200uL

Observed MW:

30kDa

Calculated MW:

36kDa

Applications:

WB IHC

Reactivity:

Human, Mouse, Rat

Antibody Information

Recommended dilutions:

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

Source:

Rabbit

Isotype:

IgG

Purification:

Affinity purification

Protein 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.

Immunogen information

Gene ID:

29071

Uniprot

Q96EU7

Synonyms:

C1GALT1C1; C1GALT2; C38H2-L1; COSMC; HSPC067; MST143;
TNPS

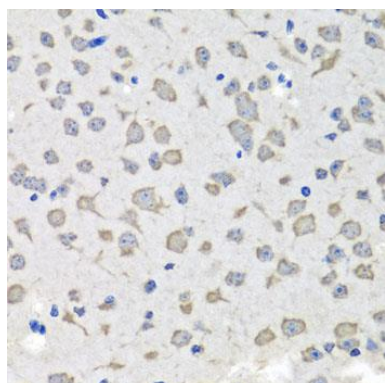
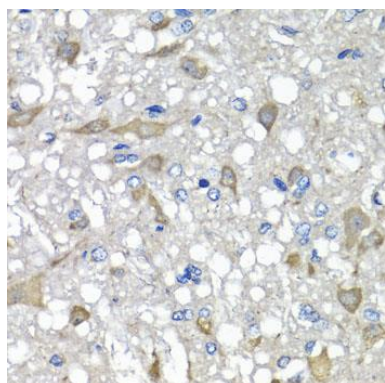
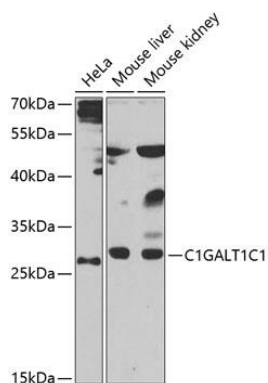
Immunogen:

Recombinant fusion protein containing a sequence corresponding to amino acids 30-190 of human C1GALT1C1 (NP_689905.1).

Storage:

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

Product Images



Western blot analysis of extracts of various cell lines, using C1GALT1C1 antibody (CAB7590) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 90s.

Immunohistochemistry of paraffin-embedded rat brain using C1GALT1C1 antibody (CAB7590) at dilution of 1:100 (40x lens).

Immunohistochemistry of paraffin-embedded mouse brain using C1GALT1C1 antibody (CAB7590) at dilution of 1:100 (40x lens).