

Rabbit C1GALT1C1 Polyclonal Antibody | anti-C1GALT1C1 antibody

C1GALT1C1 Polyclonal Antibody

CATALOG # AAA280447	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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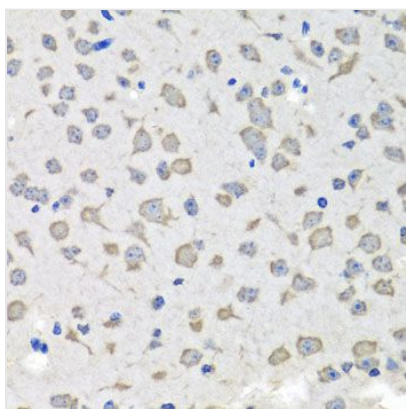
PRODUCT SYNONYMS

C1GALT1C1; Polyclonal Antibody; C1GALT1C1 Polyclonal Antibody; anti-C1GALT1C1 antibody

PRODUCT SPECIFICATIONS

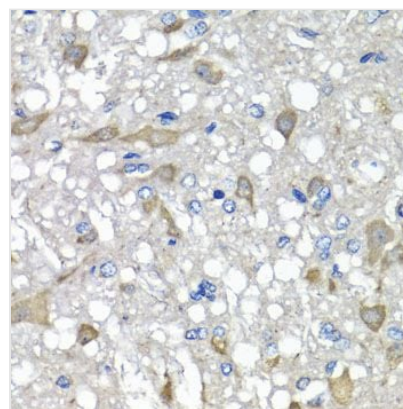
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	318
Applicable Applications for anti-C1GALT1C1 antibody	WB (Western Blot)
Immunogen	Recombinant Protein
Immunogen	Recombinant protein of human C1GALT1C1
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

IMAGES



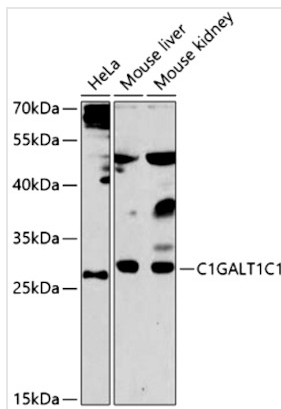
IHC (Immunohistochemistry)

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



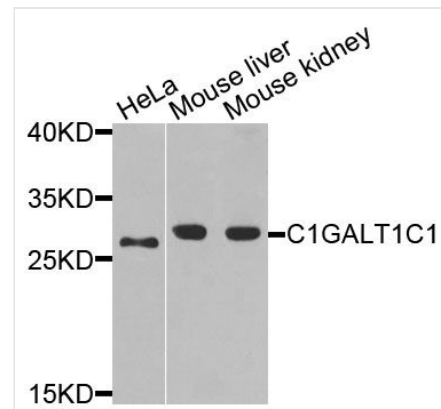
IHC (Immunohistochemistry)

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



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using C1GALT1C1 antibody (A7590) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-C1GALT1C1 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	58532584
NCBI GeneID	29071
NCBI Accession #	NP_001011551.1
NCBI GenBank Nucleotide #	NM_001011551.2
UniProt Accession #	Q96EU7; Q8WWS3; Q9NZX1; A8K246
Molecular Weight	Observed MW: 30kDa Calculated MW: 36kDa
NCBI Official Full Name	C1GALT1-specific chaperone 1
NCBI Official Synonym Full Names	C1GALT1-specific chaperone 1
NCBI Official Symbol	C1GALT1C1
NCBI Official Synonym Symbols	TNPS; COSMC; MST143; C1GALT2; HSPC067; C38H2-L1
NCBI Protein Information	C1GALT1-specific chaperone 1
UniProt Protein Name	C1GALT1-specific chaperone 1
UniProt Gene Name	C1GALT1C1
UniProt Synonym Gene Names	COSMC; C38H2-L1; C1Gal-T2; C1GalT2; Core 1 beta3-Gal-T2
UniProt Entry Name	C1GLC_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

