

Rabbit anti-Human, mouse C1GALT1 Polyclonal Antibody | anti-C1GALT1 antibody

C1GALT1 Antibody (Center)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286535	Rabbit	Human, mouse	Immunohistochemistry, ELISA, Western Blot

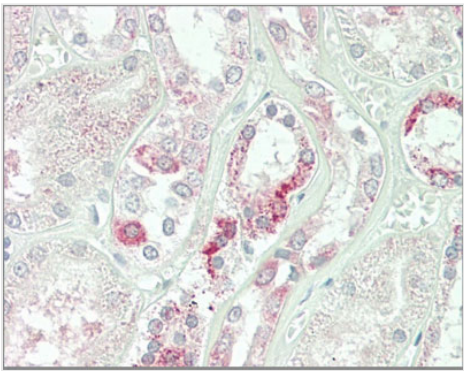
PRODUCT SYNONYMS

C1GALT1; Polyclonal Antibody; C1GALT1 Antibody (Center); Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1; B3Gal-T8; Core 1 O-glycan T-synthase; Core 1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1; 3-galactosyltransferase 1; Beta-1; 3-galactosyltransferase; Core 1 beta1; C1GalT1; Core 1 beta3-Gal-T1; anti-C1GALT1 antibody

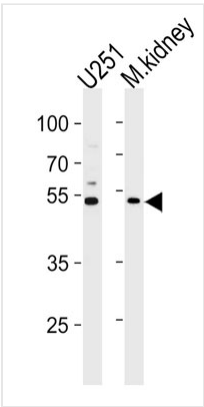
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This C1GALT1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 115-144 amino acids from the Central region of human C1GALT1.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Sequence Positions	115-144
Sequence Length	363
Applicable Applications for anti-C1GALT1 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Cellular Location	Membrane; Single-pass type II membrane protein
Tissue Location	Widely expressed. Highly expressed in kidney, heart, placenta and liver.
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Formalin-fixed and paraffin-embedded H.kidney tissue reacted with C1GALT1 Antibody (Center) (Cat#AAA286535).



WB (Western Blot)
C1GALT1 Antibody (Center) western blot analysis in U251 cell line and mouse kidney lysates (35ug/lane).This demonstrates the C1GALT1 antibody detected the C1GALT1 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-C1GALT1 antibody	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.
Product Categories/Family for anti-C1GALT1 antibody	Crown Antibodies; Cell Biology
References	Ju T., et al. J. Biol. Chem. 277:178-186(2002). Jensen M.P.A., et al. Submitted (JUN-1999) to the EMBL/GenBank/DDBJ databases. Hillier L.W., et al. Nature 424:157-164(2003). Scherer S.W., et al. Science 300:767-772(2003). Ju T., et al. Proc. Natl. Acad. Sci. U.S.A. 99:16613-16618(2002).

NCBI AND UNIPROT INFORMATION

NCBI GI #	9910144
NCBI GeneID	56913
NCBI Accession #	NP_064541.1
NCBI GenBank Nucleotide #	NM_020156.4
UniProt Accession #	Q9NS00; Q96QH4; Q9BTU1
NCBI Official Full Name	glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1
NCBI Official Synonym Full Names	core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1
NCBI Official Symbol	C1GALT1
NCBI Official Synonym Symbols	C1GALT; T-synthase
NCBI Protein Information	glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1
UniProt Protein Name	Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1
UniProt Gene Name	C1GALT1
UniProt Synonym Gene Names	Beta-1,3-galactosyltransferase; C1GalT1; Core 1 beta3-Gal-T1
UniProt Entry Name	C1GLT_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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/c1galt1-antibody-immunohistochemistry-western-blot-elisa/286535>