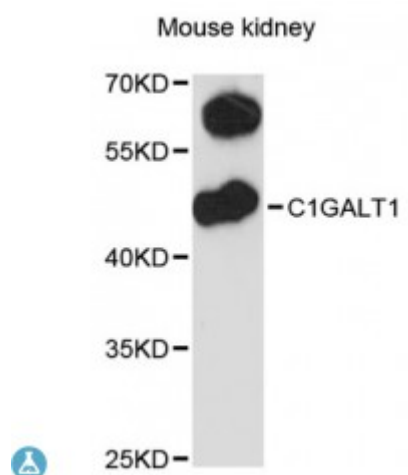


Anti-C1GALT1 Antibody



Description

The protein encoded by this gene generates the common core 1 O-glycan structure, Gal-beta-1-3GalNAc-R, by the transfer of Gal from UDP-Gal to GalNAc-alpha-1-R. Core 1 is a precursor for many extended mucin-type O-glycans on cell surface and secreted glycoproteins. Studies in mice suggest that this gene plays a key role in thrombopoiesis and kidney homeostasis.

Model	STJ114731
Host	Rabbit
Reactivity	Mouse
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 194-363 of human C1GALT1 (NP_064541.1).
Gene ID	56913
Gene Symbol	C1GALT1
Dilution range	WB 1:500 - 1:2000
Tissue Specificity	Widely expressed, Highly expressed in kidney, heart, placenta and liver
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1
Molecular Weight	42.203 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:24337 OMIM:610555 Reactome:R-HSA-913709
Alternative Names	Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1
Function	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
Cellular Localization	Membrane

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