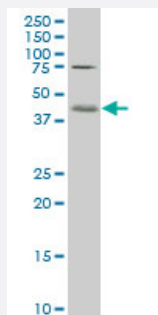


C1GALT1 polyclonal antibody (A01)

Catalog # H00056913-A01

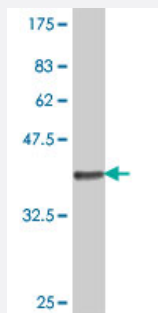
Size 50 uL

Applications



Western Blot (Cell lysate)

C1GALT1 polyclonal antibody (A01), Lot # 060109JC01 Western Blot analysis of C1GALT1 expression in HepG2 (Cat # L019V1).



Western Blot detection against Immunogen (37.11 kDa) .

Specification

Product Description	Mouse polyclonal antibody raised against a partial recombinant C1GALT1.
Immunogen	C1GALT1 (NP_064541, 264 a.a. ~ 363 a.a) partial recombinant protein with GST tag.
Sequence	ETFHPFVPEHHLIKGYLPRTFWYWNYYPPVEGPGCCSDLAVSFHYVDSTTMYELEYLVYHLRPY GYLYRYQPTLPERILKEISQANKNEDTKVKLGNP
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (92)

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (37.11 KDa) .

Storage Buffer

50 % glycerol

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

C1GALT1 polyclonal antibody (A01), Lot # 060109JC01 Western Blot analysis of C1GALT1 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — C1GALT1

Entrez GeneID

[56913](#)

GeneBank Accession#

[NM_020156](#)

Protein Accession#

[NP_064541](#)

Gene Name

C1GALT1

Gene Alias

C1GALT, T-synthase

Gene Description

core 1 synthase, glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase, 1

Omim ID

[610555](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The common core 1 O-glycan structure Gal-beta-1-3GalNAc-R is a precursor for many extended mucin-type O-glycan structures in animal cell surface and secreted glycoproteins. Core 1 is synthesized by the transfer of Gal from UDP-Gal to GalNAc-alpha-1-R by core 1 beta-3-galactosyltransferase (C1GALT1) (Ju et al., 2002 [PubMed 11677243]).[supplied by OMIM]

Other Designations

core 1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1,3-galactosyltransferase|core 1 beta
a3-Gal-T

Publication Reference

- [Elevated expression of L-selectin ligand in lymph node-derived human prostate cancer cells correlates with increased tumorigenicity.](#)

Radhakrishnan P, Lin MF, Cheng PW.

Glycoconjugate Journal 2008 Aug; 26(1):75.

Application: WB, Human, LNCaP cells

Pathway

- [Metabolic pathways](#)
- [O-Glycan biosynthesis](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Glomerulonephritis](#)
- [Tobacco Use Disorder](#)