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anti-C1GALT1 antibody (AA 34-143)





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Overview	
Quantity:	100 μg
Target:	C1GALT1
Binding Specificity:	AA 34-143
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)
Product Details	
Immunogen:	Recombinant Human Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1 protein (34-143AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified
Target Details	
Target:	C1GALT1
Alternative Name:	C1GALT1 (C1GALT1 Products)
Background:	Background: 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.

Aliases: C1GALT1Glycoprotein-N-acetylgalactosamine 3-beta-galactosyltransferase 1 antibody, EC 2.4.1.122 antibody, B3Gal-T8 antibody, Core 1 O-glycan T-synthase antibody, Core 1 UDP-galactose:N-acetylgalactosamine-alpha-R beta 1,3-galactosyltransferase 1 antibody, Beta-1,3-galactosyltransferase antibody, Core 1 beta1,3-galactosyltransferase 1 antibody, C1GalT1 antibody, Core 1 beta3-Gal-T1 antibody

UniProt:

Q9NS00

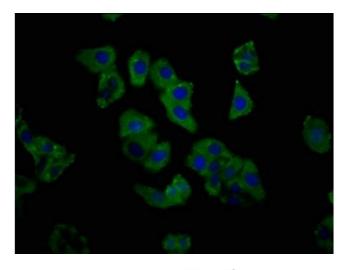
Application Details

Application Notes:	Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:200-1:500,
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Buffer:	Preservative: 0.03 % Proclin 300
	Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4
Preservative:	ProClin

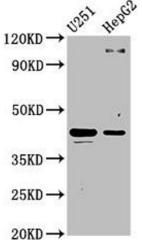
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	handled by trained staff only.	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should	

Storage: -20 °C,-80 °C



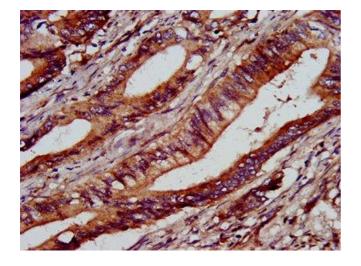
Immunofluorescence

Image 1. Immunofluorescence staining of HepG2 cells with ABIN7154230 at 1:333, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4°C. The secondary antibody was Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Western Blotting

Image 2. Western Blot Positive WB detected in: U251 whole cell lysate, HepG2 whole cell lysate All lanes: C1GALT1 antibody at $4.4 \,\mu\text{g/mL}$ Secondary Goat polyclonal to rabbit lgG at 1/50000 dilution Predicted band size: 43, 36 kDa Observed band size: 43 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7154230 diluted at 1:1000 and staining in paraffin-embedded human colon cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the product details page for more images. Overall 4 images are available for ABIN7154230.