



Datasheet for ABIN6140942
anti-GALNT3 antibody (AA 1-140)



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3 Images

Overview

Quantity:	100 µL
Target:	GALNT3
Binding Specificity:	AA 1-140
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GALNT3 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-140 of human GALNT3 (NP_004473.2).
Sequence:	MAHLKRLVKL HIKRHYHKKF WKLGAIVFFF IIVLVLMQRE VSVQYSKEES RMERNMKNKN KMLDLMLEAV NNIKDAMPKM QIGAPVRQNI DAGERPCLQG YYTAAELKPV LDRPPQDSNA PGASGKAFKT TNLSVEEQKE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

Target Details

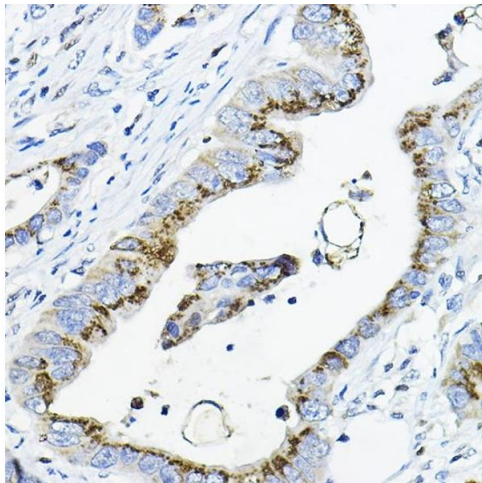
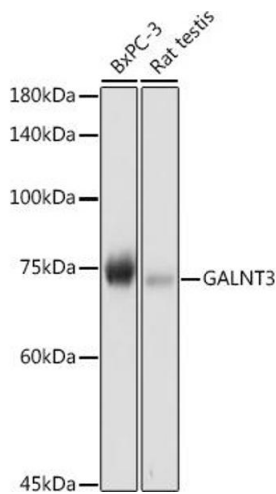
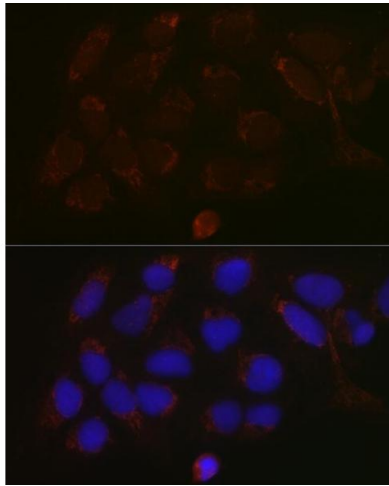
Target:	GALNT3
Alternative Name:	GALNT3 (GALNT3 Products)
Background:	<p>This gene encodes UDP-GalNAc transferase 3, a member of the GalNAc-transferases family. This family transfers an N-acetyl galactosamine to the hydroxyl group of a serine or threonine residue in the first step of O-linked oligosaccharide biosynthesis. Individual GalNAc-transferases have distinct activities and initiation of O-glycosylation is regulated by a repertoire of GalNAc-transferases. The protein encoded by this gene is highly homologous to other family members, however the enzymes have different substrate specificities.,GALNT3,GalNAc-T3,HFTC,HHS,GALNT3</p>
Molecular Weight:	22 kDa/72 kDa
Gene ID:	2591
UniProt:	Q14435

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Immunofluorescence

Image 1. Immunofluorescence analysis of U-2 OS cells using G Rabbit pAb (ABIN6131444, ABIN6140942, ABIN6140944 and ABIN6218180) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using G antibody (ABIN6131444, ABIN6140942, ABIN6140944 and ABIN6218180) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.

Immunohistochemistry

Image 3. Immunohistochemistry of paraffin-embedded human colon carcinoma using G Rabbit pAb (ABIN6131444, ABIN6140942, ABIN6140944 and ABIN6218180) at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.