Datasheet for ABIN7183573

anti-GCNT3 antibody

2 Images

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Overview

Quantity:	100 µL
Target:	GCNT3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GCNT3 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Synthesized peptide derived from internal of Human GCNT3.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

Target Details

Target:	GCNT3
Alternative Name:	GCNT3 (GCNT3 Products)
Background:	Background: Glycosyltransferase that can synthesize all known mucin beta 6 N-acetylglucosaminides. Mediates core 2 and core 4 O-glycan branching, 2 important steps in mucin-type biosynthesis. Has also I-branching enzyme activity by converting linear into

Target Details

	branched poly-N-acetyllactosaminoglycans, leading to introduce the blood group I antigen during embryonic development. Ishibashi Y., Glycoconj. J. 22:53-62(2005). Huang M.-C., Oncogene 25:3267-3276(2006). Tan S., Am. J. Respir. Cell Mol. Biol. 36:737-745(2007). Aliases: 2010013H22Rik antibody, 2210021I22Rik antibody, 2210401J11Rik antibody, 3-galactosyl-O-glycosyl-glycoprotein beta-1 antibody, 6-N-acetylglucosaminyltransferase 3 antibody, 6-N-acetylglucosaminyltransferase antibody, Beta 1 3 galactosyl O glycosyl glycoprotein beta 1 6 N acetylglucosaminyltransferase 3 antibody, Beta-1 antibody, Beta1 6 N acetylglucosaminyltransferase 3 antibody, beta1 6 N acetylglucosaminyltransferase antibody, C2/4GnT antibody, C24GNT antibody, C2GnT M antibody, C2GnT mucin type antibody, C2GnT-M antibody, C2GnT-mucin type antibody, C2GnT2 antibody, C2GNTM antibody, Core 2 beta 1 6 N acetylglucosaminyltransferase II antibody, Core 2/core 4 beta 1 6 N acetylglucosaminyltransferase antibody, Core 2/core 4 beta-1 antibody, dI/C2/C4GnT antibody, EC 2.4.1.102 antibody, EC 2.4.1.150 antibody, GCNT3 antibody, GCNT3_HUMAN antibody, Glucosaminyl (N acetyl) transferase 3 antibody, Glucosaminyl (N acetyl) transferase 3 mucin type antibody, glucosaminyl (N-acetyl) transferase 3, mucin type antibody, GnT M antibody, GNTM antibody, hC2GnT M antibody, hC2GnT-M antibody, Mucus-type core 2 beta-1,6-N-acetylglucosaminyltransferase antibody, OTTHUMP00000163601 antibody
UniProt:	O95395
Pathways:	Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	IHC:1:50-1:100, IF:1:100-1:500,
Restrictions:	For Research Use only

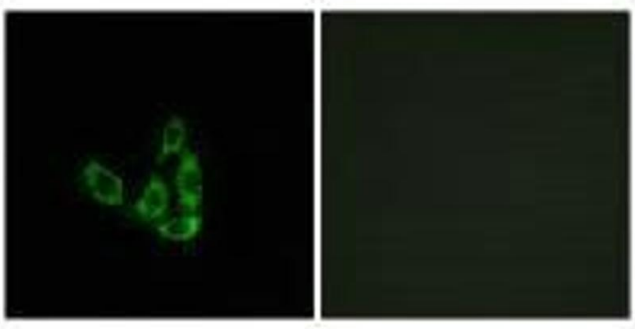
Handling

Format:	Liquid
Buffer:	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide

Handling

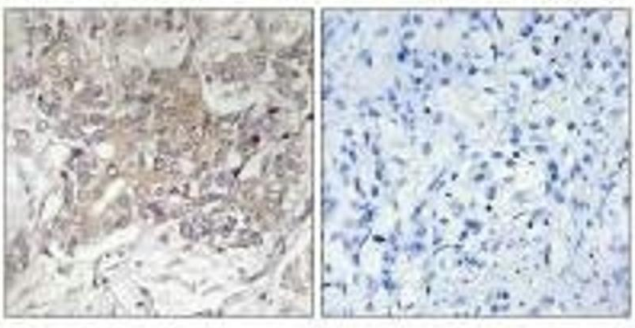
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

Images



Immunofluorescence

Image 1. Immunofluorescence analysis of A549 cells, using GCNT3 antibody.



Immunohistochemistry

Image 2. Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using GCNT3 antibody.

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