ARG59635
anti-GCNT1 antibody

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GCNT1
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GCNT1
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 88-117 of Human GCNT1.
Conjugation	Un-conjugated
Alternate Names	NAGCT2; Core 2 GNT; G6NT; C2GNT1; Core 2-branching enzyme; Core2-GlcNAc-transferase; NACGT2; C2GNT; EC 2.4.1.102; C2GNT-L; Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase

Application Instructions

Application table

Application	Dilution
IHC-P	1:50 - 1:100

Application Note: * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

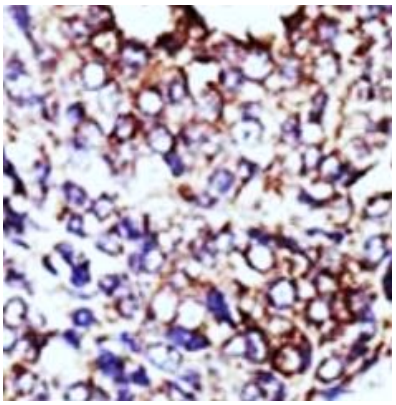
Properties

Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	GCNT1
Gene Full Name	glucosaminyl (N-acetyl) transferase 1, core 2
Background	This gene is a member of the beta-1,6-N-acetylglucosaminyltransferase gene family. It is essential to the formation of Gal beta 1-3(GlcNAc beta 1-6)GalNAc structures and the core 2 O-glycan branch. The gene coding this enzyme was originally mapped to 9q21, but was later localized to 9q13. Multiple alternatively spliced variants, encoding the same protein, have been identified. [provided by RefSeq, Jul 2008]
Function	Glycosyltransferase that catalyzes the transfer of an N-acetylglucosamine moiety onto mucin-type core 1 O-glycan to form the branched mucin-type core 2 O-glycan. Mucin-type core 2 O-glycans play an important role in leukocyte extravasation as they serve as scaffolds for the display of the selectin ligand sialyl Lewis X by leukocytes. [UniProt]
Calculated Mw	50 kDa
Cellular Localization	Golgi apparatus membrane; Single-pass type II membrane protein. Note=Also detected in the trans-Golgi network. [UniProt]

Images



ARG59635 anti-GCNT1 antibody IHC-P image

Immunohistochemistry: Formalin-fixed and paraffin-embedded Human cancer tissue stained with ARG59635 anti-GCNT1 antibody.