

ARG41130 anti-GCNT3 antibody

Package: 100 µl

Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes GCNT3
Tested Reactivity	Hu, Ms
Tested Application	WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	GCNT3
Species	Human
Immunogen	KLH-conjugated synthetic peptide corresponding to aa. 73-102 of Human GCNT3.
Conjugation	Un-conjugated
Alternate Names	C2GnT-mucin type; C2GNT2; GNTM; EC 2.4.1.150; C2/4GnT; hC2GnT-M; C24GNT; Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3; Core 2/core 4 beta-1,6-N-acetylglucosaminyltransferase; EC 2.4.1.102; C2GNTM; C2GnT-M

Application Instructions

Application table	Application	Dilution
	WB	1:1000
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 A and immunogen peptide.
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	GCNT3
Gene Full Name	glucosaminyl (N-acetyl) transferase 3, mucin type
Background	This gene encodes a member of the N-acetylglucosaminyltransferase family. The encoded protein is a beta-6-N-acetylglucosamine-transferase that catalyzes the formation of core 2 and core 4 O-glycans on mucin-type glycoproteins.[provided by RefSeq, Apr 2009]
Function	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 branched poly-N-acetyllactosaminoglycans, leading to introduce the blood group I antigen during embryonic development. [UniProt]
Calculated Mw	51 kDa
PTM	N-glycosylated. [UniProt]
Cellular Localization	Golgi apparatus membrane; Single-pass type II membrane protein. [UniProt]

Images

