

## 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

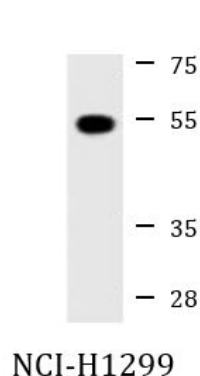
Form	Liquid
Purification	Purification with Protein A and immunogen peptide.
Buffer	PBS and 0.09% (W/V) Sodium azide.
Preservative	0.09% (W/V) Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. 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

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ARG41130 anti-GCNT3 antibody WB image

Western blot: 20 µg of NCI-H1299 whole cell lysate stained with ARG41130 anti-GCNT3 antibody at 1:2000 dilution.