

Product datasheet

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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

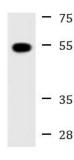
introduce the blood group I antigen during embryonic development. [UniProt]

Calculated Mw 51 kDa

PTM N-glycosylated. [UniProt]

Cellular Localization Golgi apparatus membrane; Single-pass type II membrane protein. [UniProt]

Images



ARG41130 anti-GCNT3 antibody WB image

Western blot: $20~\mu g$ of NCI-H1299 whole cell lysate stained with ARG41130 anti-GCNT3 antibody at 1:2000 dilution.

NCI-H1299