

Rabbit GCNT3 Polyclonal Antibody | anti-GCNT3 antibody

GCNT3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285021	Rabbit	Human, mouse (Predicted Reactivity: Rat)	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

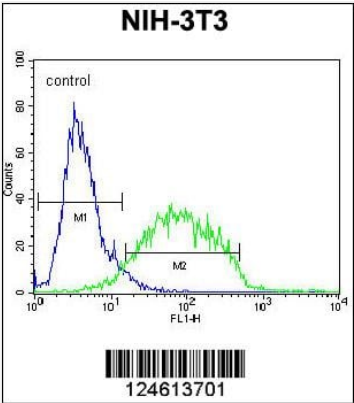
PRODUCT SYNONYMS

GCNT3; Polyclonal Antibody; GCNT3 Antibody (C-term); Beta-1; 3-galactosyl-O-glycosyl-glycoprotein beta-1; 6-N-acetylglucosaminyltransferase 3; C2GnT-mucin type; C2GnT-M; hC2GnT-M; Core 2/core 4 beta-1; 6-N-acetylglucosaminyltransferase; C2/4GnT; anti-GCNT3 antibody

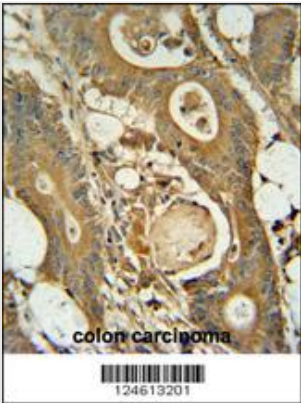
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Rat)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This GCNT3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 390-418 amino acids from the C-terminal region of human GCNT3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	390-418
Sequence Length	438
Applicable Applications for anti-GCNT3 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

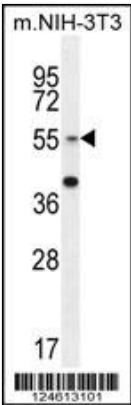
IMAGES



FCM/FACS (Flow Cytometry)
GCNT3 Antibody (C-term) flow cytometric analysis of NIH-3T3 cells (right histogram) compared to a negative control cell (left histogram).FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
GCNT3 antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human colon carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the GCNT3 antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
GCNT3 Antibody (C-term) western blot analysis in mouse NIH-3T3 cell line lysates (35ug/lane).This demonstrates the GCNT3 antibody detected the GCNT3 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-GCNT3 antibody	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.
Product Categories/Family for anti-GCNT3 antibody	Signal Transduction
References	Tan, S., et al. Am. J. Respir. Cell Mol. Biol. 36(6):737-745(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007) Huang, M.C., et al. Oncogene 25(23):3267-3276(2006) Beum, P.V., et al. Am. J. Respir. Cell Mol. Biol. 29(1):48-56(2003) Schwientek, T., et al. J. Biol. Chem. 274(8):4504-4512(1999)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758422
NCBI GeneID	9245
NCBI Accession #	NP_004742.1
NCBI GenBank Nucleotide #	NM_004751.2

UniProt Accession #	O95395
Molecular Weight	50864
NCBI Official Full Name	beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3
NCBI Official Synonym Full Names	glucosaminyl (N-acetyl) transferase 3, mucin type
NCBI Official Symbol	GCNT3
NCBI Official Synonym Symbols	GNTM; C24GNT; C2GNT2; C2GNTM; C2/4GnT
NCBI Protein Information	beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3
UniProt Protein Name	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 3
UniProt Gene Name	GCNT3
UniProt Synonym Gene Names	C2GnT-M; hC2GnT-M; C2/4GnT
UniProt Entry Name	GCNT3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/gcnt3-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/285021>