

Rabbit anti-Human GCNT3 Polyclonal Antibody | anti-GCNT3 antibody

GCNT3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA305336	Rabbit	Human	Immunofluorescence, Immunohistochemistry

PRODUCT SYNONYMS

GCNT3; Polyclonal Antibody; GCNT3 Antibody; Beta-1; 3-galactosyl-O-glycosyl-glycoprotein beta-1; 6-N-acetylglucosaminyltransferase 3; EC 2.4.1.102; EC 2.4.1.150; anti-GCNT3 antibody

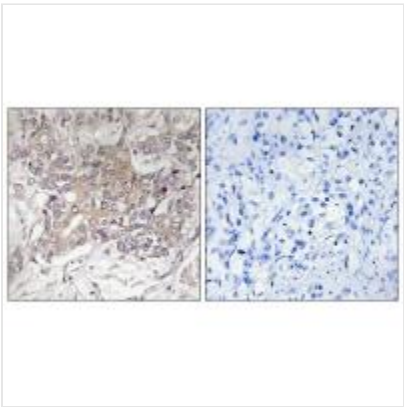
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	The antibody detects endogenous levels of total GCNT3 protein.
Purity/Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Form/Format	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	438
Applicable Applications for anti-GCNT3 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry)
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human GCNT3.
Target Name	GCNT3
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of A549 cells, using GCNT3 antibody.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using GCNT3 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GCNT3 antibody	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.Ishibashi Y., Glycoconj. J. 22:53-62(2005).Huang M.-C., Oncogene 25:3267-3276(2006).Tan S., Am. J. Respir. Cell Mol. Biol. 36:737-745(2007).
Product Categories/Family for anti-GCNT3 antibody	Total protein Ab

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	50,864 Da
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.

