

Rabbit GCNT3 Polyclonal Antibody | anti-GCNT3 antibody

Rabbit Polyclonal to Human GCNT3

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50992	Rabbit	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)	Immunohistochemistry

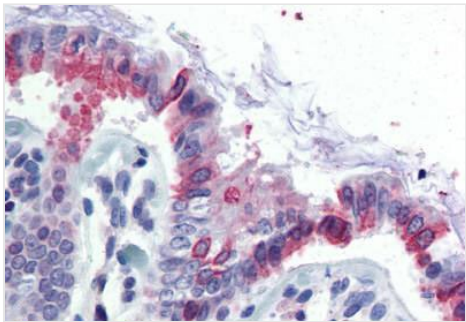
PRODUCT SYNONYMS

GCNT3; Polyclonal Antibody; Rabbit Polyclonal to Human GCNT3; Anti-GCNT3 Antibody (N-Terminus) IHC-plus; Beta1;6GlcNAc-transferase; C24GNT; C2/4GnT; C2GnT-mucin type; C2GNTM; C2GnT-M; C2GNT2; GNTM; HC2GnT-M; Human GCNT3; anti-GCNT3 antibody

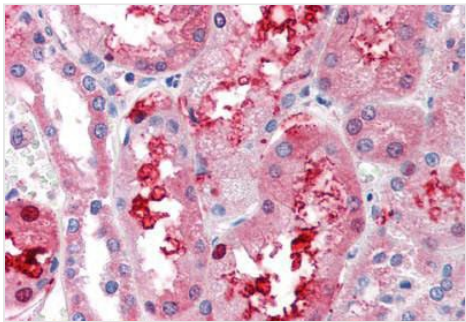
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Gorilla, Gibbon, Monkey (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Specificity	Human GCNT3. BLAST analysis of the peptide immunogen showed no homology with other human proteins, except NEK8 (60%).
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.1% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	438
Applicable Applications for anti-GCNT3 antibody	IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic 15 amino acid peptide from N-terminus of human GCNT3. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (93%); Marmoset (80%).
Immunogen Type	Synthetic peptide
Immunogen	GCNT3 antibody was raised against synthetic 15 amino acid peptide from N-terminus of human GCNT3. Percent identity with other species by BLAST analysis: Human (100%); Gorilla, Gibbon, Monkey (93%); Marmoset (80%).
Antigen Modification	N-Terminus
Preparation and Storage	Long term: -70 degree C; Short term: +4 degree C

IMAGES



IHC (Immunohistochemistry)
Anti-GCNT3 antibody IHC of human colon. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.



IHC (Immunohistochemistry)
Anti-GCNT3 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-GCNT3 antibody	GCNT3 is a Beta-1, 6-N-Acetylglucosaminyltransferase that catalyzes O-glycan branch formation of the core 2 and core 4 type. The expression of core 2 O-glycans has been correlated with cell differentiation processes and cancer.
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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; hC2GnT-M; C2GnT-mucin type; beta1,6GlcNAc-transferase; beta1,6-N-acetylglucosaminyltransferase-M; core 2/core 4 beta-1,6-N-acetylglucosaminyltransferase; mucus-type core 2 beta-1,6-N-acetylglucosaminyltransferase
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.