

GCNT3 Antibody (Internal)
Rabbit Polyclonal Antibody
Catalog # ALS11096**Specification**

GCNT3 Antibody (Internal) - Product Information

Application	IHC-P
Primary Accession	O95395
Reactivity	Human, Horse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	51kDa KDa
Dilution	IHC-P~~N/A

GCNT3 Antibody (Internal) - Additional Information**Gene ID** 9245**Other Names**

Beta-1, 3-galactosyl-O-glycosyl-glycoprotein beta-1, 6-N-acetylglucosaminyltransferase 3, 2.4.1.102, 2.4.1.150, C2GnT-mucin type, C2GnT-M, hC2GnT-M, Core 2/core 4 beta-1, 6-N-acetylglucosaminyltransferase, C2/4GnT, GCNT3

Target/Specificity

Human GCNT3. BLAST analysis of the peptide immunogen showed no homology with other human proteins.

Reconstitution & Storage

Long term: -70°C; Short term: +4°C

Precautions

GCNT3 Antibody (Internal) is for research use only and not for use in diagnostic or therapeutic procedures.

GCNT3 Antibody (Internal) - Protein Information**Name** GCNT3**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. Also has I-branching enzyme activity by converting linear into branched poly-N- acetyllactosaminoglycans, leading to introduce the blood group I antigen during embryonic development.

Cellular Location

Golgi apparatus membrane; Single- pass type II membrane protein

Tissue Location

Primarily expressed in mucus-secreting tissues. Expressed in colon, kidney, small intestine, trachea, and stomach, where mucin is produced.

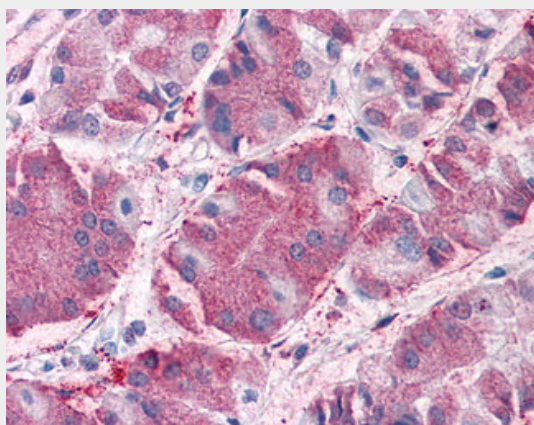
Volume

50 µl

GCNT3 Antibody (Internal) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

GCNT3 Antibody (Internal) - Images

Anti-GCNT3 antibody ALS11096 IHC of human stomach.

GCNT3 Antibody (Internal) - Background

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.

GCNT3 Antibody (Internal) - References

Yeh J.-C., et al. J. Biol. Chem. 274:3215-3221(1999).
Schwientek T., et al. J. Biol. Chem. 274:4504-4512(1999).
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Ishibashi Y., et al. Glycoconj. J. 22:53-62(2005).
Huang M.-C., et al. Oncogene 25:3267-3276(2006).