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GCNT3 Antibody (aa226-275)
Rabbit Polyclonal Antibody
Catalog # ALS15118

Specification

GCNT3 Antibody (aa226-275) - Product Information

Application	**IF**
Primary Accession	O95395
Reactivity	**Human**
Host	**Rabbit**
Clonality	**Polyclonal**
Calculated MW	**51kDa KDa**

GCNT3 Antibody (aa226-275) - 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
GCNT3 Antibody detects endogenous levels of total GCNT3 protein.

Reconstitution & Storage
Store at -20°C for up to one year.

Precautions
GCNT3 Antibody (aa226-275) is for research use only and not for use in diagnostic or therapeutic procedures.

GCNT3 Antibody (aa226-275) - 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. 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.

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.

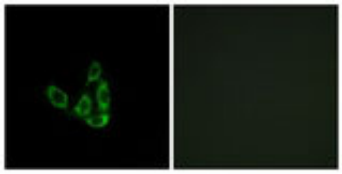
Volume
50 µl

GCNT3 Antibody (aa226-275) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

GCNT3 Antibody (aa226-275) - Images



Immunofluorescence of A549 cells, using GCNT3 Antibody.

GCNT3 Antibody (aa226-275) - 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 (aa226-275) - References

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