

GCNT3 Antibody

Catalog No: #34483

Package Size: #34483-1 50ul #34483-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

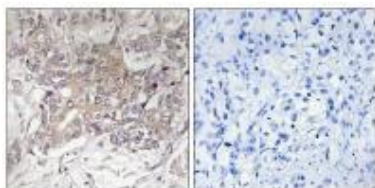
Product Name	GCNT3 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	IHC IF
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total GCNT3 protein.
Immunogen Type	Peptide
Immunogen Description	Synthesized peptide derived from internal of human GCNT3.
Target Name	GCNT3
Other Names	Beta-1; 3-galactosyl-O-glycosyl-glycoprotein beta-1; 6-N-acetylglucosaminyltransferase 3; EC 2.4.1.102; EC 2.4.1.150
Accession No.	Swiss-Prot: O95395NCBI Gene ID: 9245
Uniprot	O95395
GeneID	9245;
SDS-PAGE MW	51kd
Concentration	1.0mg/ml
Formulation	Rabbit IgG in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C

Application Details

Immunohistochemistry: 1:50~1:100

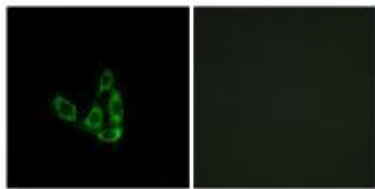
Immunofluorescence: 1:100~1:500

Images



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue using GCNT3 antibody #34483.

Immunofluorescence analysis of A549 cells, using GCNT3 antibody #34483.



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.

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).

Note: This product is for in vitro research use only