



Rabbit Anti-GCNT3 antibody

SL13317R

Product Name:	GCNT3
Chinese Name:	β1-6 N-乙酰氨基葡萄糖转移酶3抗体
Alias:	2010013H22Rik; 2210021I22Rik; 2210401J11Rik; 3-galactosyl-O-glycosyl-glycoprotein beta-1; 6-N-acetylglucosaminyltransferase 3; 6-N-acetylglucosaminyltransferase; Beta 1 3 galactosyl O glycosyl glycoprotein beta 1 6 N acetylglucosaminyltransferase 3; Beta-1; Beta1 6 N acetylglucosaminyltransferase 3; beta1 6 N acetylglucosaminyltransferase; C2/4GnT; C24GNT; C2GnT M; C2GnT mucin type; C2GnT-M; C2GnT-mucin type; C2GnT2; C2GNTM; Core 2 beta 1 6 N acetylglucosaminyltransferase II; Core 2/core 4 beta 1 6 N acetylglucosaminyltransferase; Core 2/core 4 beta-1; dI/C2/C4GnT; EC 2.4.1.102; EC 2.4.1.150; GCNT3; GCNT3_HUMAN; Glucosaminyl (N acetyl) transferase 3; Glucosaminyl (N acetyl) transferase 3 mucin type; GnT M; GNTM; hC2GnT M; hC2GnT-M; Mucus-type core 2 beta-1,6-N-acetylglucosaminyltransferase. OTTHUMP00000163601.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Horse,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	51kDa
Cellular localization:	cytoplasmicThe cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human GCNT3:351-438/438
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized

	antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	<p>2010013H22Rik; 2210021I22Rik; 2210401J11Rik; 3-galactosyl-O-glycosyl-glycoprotein beta-1; 6-N-acetylglucosaminyltransferase 3; 6-N-acetylglucosaminyltransferase; Beta 1 3 galactosyl O glycosyl glycoprotein beta 1 6 N acetylglucosaminyltransferase 3; Beta-1; Beta1 6 N acetylglucosaminyltransferase 3; beta1 6 N acetylglucosaminyltransferase; C2/4GnT; C24GNT; C2GnT M; C2GnT mucin type; C2GnT-M; C2GnT-mucin type; C2GnT2; C2GNTM; Core 2 beta 1 6 N acetylglucosaminyltransferase II; Core 2/core 4 beta 1 6 N acetylglucosaminyltransferase; Core 2/core 4 beta-1; dI/C2/C4GnT; EC 2.4.1.102; EC 2.4.1.150; GCNT3; GCNT3_HUMAN; Glucosaminyl (N acetyl) transferase 3; Glucosaminyl (N acetyl) transferase 3 mucin type; GnT M; GNTM; hC2GnT M; hC2GnT-M; Mucus-type core 2 beta-1,6-N-acetylglucosaminyltransferase. OTTHUMP00000163601.</p> <p>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.</p> <p>Subcellular Location: Golgi apparatus membrane.</p> <p>Tissue Specificity: Primarily expressed in mucus-secreting tissues. Expressed in colon, kidney, small intestine, trachea, and stomach, where mucin is produced.</p> <p>Post-translational modifications: N-glycosylated.</p> <p>Similarity: Belongs to the glycosyltransferase 14 family.</p> <p>SWISS: O95395</p> <p>Gene ID: 9245</p> <p>Database links: Entrez Gene: 404167Cow</p>

[Entrez Gene: 487578](#)Dog

[Entrez Gene: 100068109](#)Horse

[Entrez Gene: 9245](#)Human

[Entrez Gene: 72077](#)Mouse

[Entrez Gene: 286976](#)Rat

[Entrez Gene: 495681](#)Xenopus laevis

[Omim: 606836](#)Human

[SwissProt: Q7YQE1](#)Cow

[SwissProt: O95395](#)Human

[SwissProt: Q5JCT0](#)Mouse

[SwissProt: Q8CH87](#)Rat

[SwissProt: Q5U258](#)Xenopus laevis

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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