

C2GNT3 Polyclonal Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP55827

Specification

C2GNT3 Polyclonal Antibody - Product Information

Application	WB, IHC-P, IHC-F, IF, ICC, E
Primary Accession	O9P109
Reactivity	Rat, Pig, Dog, Bovine
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human C2GNT3
Epitope Specificity	301-400/453
Isotype	IgG
Purity	
affinity purified by Protein A	
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Golgi apparatus membrane; Single-pass typell membrane protein (By similarity). Belongs to the glycosyltransferase 14 family.
SIMILARITY	
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

C2GNT3 Polyclonal Antibody - Additional Information

Gene ID 51301

Other Names

Beta-1, 3-galactosyl-O-glycosyl-glycoprotein beta-1, 6-N-acetylglucosaminyltransferase 4, 2.4.1.102, Core 2-branching enzyme 3, Core2-GlcNAc-transferase 3, C2GnT3, GCNT4

Target/Specificity

Predominantly expressed in thymus. Weakly expressed in pancreas, peripheral blood leukocytes, placenta, small intestine and stomach. Barely detectable in liver, spleen, lung and lymph node.

Dilution

WB~~1:1000<br \>IHC-P~~N/A<br \>IHC-F~~N/A<br \>IF~~1:50~200<br \>ICC~~N/A<br \>E~~N/A

Format

0.01M TBS(pH7.4), 0.09% (W/V) sodium azide and 50% Glyce

Storage

Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

C2GNT3 Polyclonal Antibody - Protein Information

Name GCNT4

Function

Glycosyltransferase that mediates core 2 O-glycan branching, an important step in mucin-type biosynthesis. Does not have core 4 O- glycan or I-branching enzyme activity.

Cellular Location

Golgi apparatus membrane; Single- pass type II membrane protein

Tissue Location

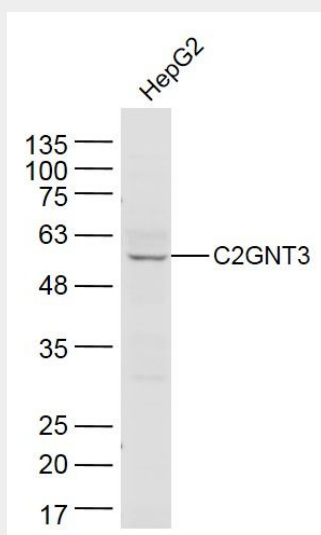
Predominantly expressed in thymus. Weakly expressed in pancreas, peripheral blood leukocytes, placenta, small intestine and stomach. Barely detectable in liver, spleen, lung and lymph node

C2GNT3 Polyclonal Antibody - 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](#)

C2GNT3 Polyclonal Antibody - Images



Sample:

HepG2(Human) Cell Lysate at 40 ug

Primary: Anti-C2GNT3 (bs-15145R) at 1/300 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 53 kD

Observed band size: 53 kD