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C2GNT3 Rabbit pAb

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Catalog # AP55827

Product Information

Application	WB
Primary Accession	Q9P109
Reactivity	Human
Predicted	Rat, Pig, Dog, Mouse, Rabbit, Chicken, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	53052
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 typeII membrane protein (By similarity).
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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
Dilution	WB=1:500-2000
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.

Protein Information

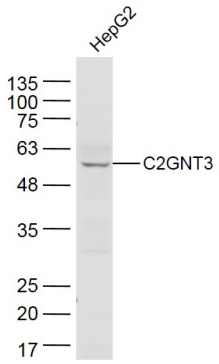
Name	GCNT4
Function	Glycosyltransferase that mediates core 2 O-glycan branching, an important step in mucin-type biosynthesis. Does not have core 4 O- glycan or I-branching enzyme activity.

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

Background

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Images



Sample:
HepG2(Human) Cell Lysate at 40 ug
Primary: Anti-C2GNT3 (AP55827) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 53 kD
Observed band size: 53 kD

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.