

GCNT4 rabbit pAb

Cat No.:ES9444

For research use only

Overview

Product Name	GCNT4 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species	Human;Rat;Mouse;
Cross-Reactivity	
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 60-140
Specificity	GCNT4 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Beta-1,3-galactosyl-O-glycosyl-glycoprotein beta-1,6-N-acetylglucosaminyltransferase 4 (EC 2.4.1.102) (Core 2-branching enzyme 3) (Core2-GlcNAc-transferase 3) (C2GnT3)
Gene Name	GCNT4
Cellular localization	Golgi apparatus membrane ; Single-pass type II membrane protein .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed	49kD





band

Human 51301

Gene ID

Human Q9P109

Swiss-Pro

t Number

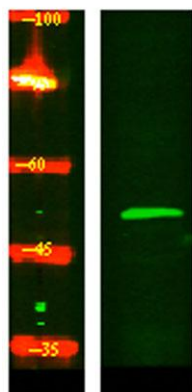
Alternativ

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Backgrou

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catalytic activity:UDP-N-acetyl-D-glucosamine +
beta-D-galactosyl-1,3-N-acetyl-D-galactosaminyl-R = UDP +
beta-D-galactosyl-1,3-(N-acetyl-beta-D-glucosaminyl-1,6)-N-acetyl-D-gal
actosaminyl-R.,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.,online
information:Core 2 beta-1,6-N-acetylglucosaminyltransferase 3.,online
information:GlycoGene database,pathway:Protein modification; protein
glycosylation.,similarity:Belongs to the glycosyltransferase 14
family.,tissue 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.,



Western Blot analysis of HeLa lysis, using primary
antibody at 1:1000 dilution. Secondary
antibody(catalog#:RS23920) was diluted at 1:10000

