

β-1,3-Gal-T4 Rabbit pAb

CatalogNo: YT5004

Key Features

Host Species

- Rabbit

Reactivity

- Human,Rat,Mouse,

Applications

- WB,ELISA

MW

- 42kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-1:2000**ELISA 1:10000****Not yet tested in other applications.**

Storage

Storage*

-15°C to -25°C/1 year(Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human B3GALT4. AA range:181-230

Specificity

β-1,3-Gal-T4 Polyclonal Antibody detects endogenous levels of β-1,3-Gal-T4 protein.

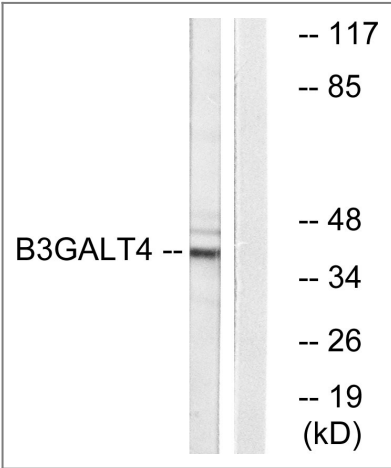
Target Information

Gene name

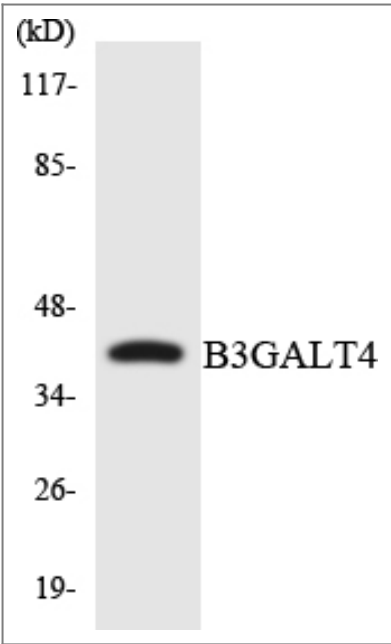
B3GALT4

Protein Name	Beta-1,3-galactosyltransferase 4		
	Organism	Gene ID	UniProt ID
	Human	8705;	Q96024;
	Mouse		Q9Z0F0;
Cellular Localization	Golgi apparatus membrane ; Single-pass type II membrane protein .		
Tissue specificity	Highly expressed in heart, skeletal muscle and pancreas and, to a lesser extent, in brain, placenta, kidney, liver and lung.		
Function	Catalytic activity:UDP-galactose + N-acetyl-D-galactosaminy-(N-acetylneuraminy)-D-galactosyl-(1->4)-beta-D-glucosyl-N-acylsphingosine = UDP + D-galactosyl-(1->3)-beta-N-acetyl-D-galactosaminy-(N-acetylneuraminy)-D-galactosyl-D-glucosyl-N-acylsphingosine.,Function:Involved in GM1/GD1B/GA1 ganglioside biosynthesis.,online information:Beta-1,3-galactosyltransferase 4,online information:GlycoGene database,pathway:Protein modification; protein glycosylation.,similarity:Belongs to the glycosyltransferase 31 family.,tissue specificity:Highly expressed in heart, skeletal muscle and pancreas and, to a lesser extent, in brain, placenta, kidney, liver and lung.,		

Validation Data



Western blot analysis of lysates from Jurkat cells, using B3GALT4 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from 293 cells using B3GALT4 antibody.

| Contact information

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Please scan the QR code
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product information:
**β-1,3-Gal-T4 Rabbit
pAb**

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