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# B3GALT4 Rabbit pAb

货号: **AYP18500**

## 产品信息

反应	Mouse
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	<b>WB:</b> 1:200 - 1:2000
理论分子量	41kDa
实测分子量	42kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thiomersal, 50% glycerol, pH7.3.
偶联物	Unconjugated
阳性对照	Mouse heart
细胞定位	Golgi apparatus membrane, Single-pass type II membrane protein
纯化	Affinity purification

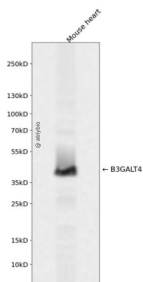
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 80-270 of human B3GALT4 (NP_003773.1).
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## 靶点信息

研究背景	This gene is a member of the beta-1,3-galactosyltransferase (beta3GalT) gene family. This family encode s type II membrane-bound glycoproteins with diverse enzymatic functions using different donor substrate s (UDP-galactose and UDP-N-acetylglucosamine) and different acceptor sugars (N-acetylglucosamine, gal actose, N-acetylgalactosamine). The beta3GalT genes are distantly related to the Drosophila Brainiac gen e and have the protein coding sequence contained in a single exon. The beta3GalT proteins also contain conserved sequences not found in the beta4GalT or alpha3GalT proteins. The carbohydrate chains synthe sized by these enzymes are designated as type 1, whereas beta4GalT enzymes synthesize type 2 carboh ydrate chains. The ratio of type 1:type 2 chains changes during embryogenesis. By sequence similarity, t he beta3GalT genes fall into at least two groups: beta3GalT4 and 4 other beta3GalT genes (beta3GalT1- 3, beta3GalT5). This gene is oriented telomere to centromere in close proximity to the ribosomal protein S18 gene. The functionality of the encoded protein is limited to ganglioseries glycolipid biosynthesis.
基因ID	8705
基因名	B3GALT4
Swiss	O96024 ( <a href="https://www.uniprot.org/uniprotkb/O96024/entry">https://www.uniprot.org/uniprotkb/O96024/entry</a> )
别名	B3GALT4,BETA3GALT4,GALT2,GALT4,beta-1,B3GALT4 Rabbit pAb,Gal-T2,Ganglioside galactosyltransferas e,UDP-galactose:beta-N-acetyl-galactosamine-beta-1,3-galactosyltransferase

## 产品验证



Western blot analysis of B3GALT4 expressed in Mouse heart using B3GALT4 Rabbit pAb at 1:1000. Second ary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

## 实验步骤

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