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# B4GALT4 Rabbit pAb

货号: **AYP20630**

## 产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	<b>WB:</b> 1:500 - 1:2000 <b>IHC:</b> 1:50 - 1:200
理论分子量	40kDa
实测分子量	40kDa
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 kidney,Rat thymus
细胞定位	Golgi apparatus,Golgi stack membrane,Single-pass type II membrane protein
纯化	Affinity purification

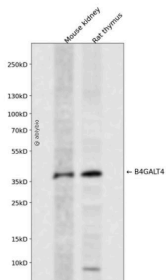
## 抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 35-344 of human B4GALT4 (NP_003769.1).
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## 靶点信息

研究背景	This gene is one of seven beta-1,4-galactosyltransferase (beta4GalT) genes. They encode type II membrane-bound glycoproteins that appear to have exclusive specificity for the donor substrate UDP-galactose; a II transfer galactose in a beta1,4 linkage to similar acceptor sugars: GlcNAc, Glc, and Xyl. Each beta4GalT has a distinct function in the biosynthesis of different glycoconjugates and saccharide structures. As type II membrane proteins, they have an N-terminal hydrophobic signal sequence that directs the protein to the Golgi apparatus and which then remains uncleaved to function as a transmembrane anchor. By sequence similarity, the beta4GalTs form four groups: beta4GalT1 and beta4GalT2, beta4GalT3 and beta4GalT4, beta4GalT5 and beta4GalT6, and beta4GalT7. The enzyme encoded by this gene appears to mainly play a role in glycolipid biosynthesis. Two alternatively spliced transcript variants have been found for this gene.
基因ID	8702
基因名	B4GALT4
Swiss	O60513 ( <a href="https://www.uniprot.org/uniprotkb/O60513/entry">https://www.uniprot.org/uniprotkb/O60513/entry</a> )
别名	B4GALT4,B4Gal-T4,beta4Gal-T4,beta-1,B4GALT4 Rabbit pAb,Beta-N-acetylglucosaminyl-glycolipid beta-1,4-galactosyltransferase,Lactotriaosylceramide beta-1,N-acetyllactosamine synthase,Nal synthase,UDP-Gal:beta-GlcNAc beta-1,4-galactosyltransferase 4

## 产品验证



Western blot analysis of B4GALT4 expressed in Mouse kidney,Rat thymus using B4GALT4 Rabbit pAb at 1:1000. Secondary 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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