

B4GALT4 Rabbit pAb

货号: **AYP10744**

产品信息

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| 反应 | Human,Mouse,Rat |
| 宿主 | Rabbit |
| 克隆性 | Polyclonal |
| 预测反应 | IHC: Human breast cancer WB: Human breast cancer |
| 应用 | WB |
| 推荐浓度 | WB: 1:500 - 1:2000 |
| 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 | 293T,HT-29,Mouse kidney,Mouse thymus,Mouse lung,Rat kidney,Rat thymus,Rat lung |
| 细胞定位 | Golgi apparatus,Golgi stack membrane,Single-pass type II membrane protein |
| 纯化 | Affinity purification |

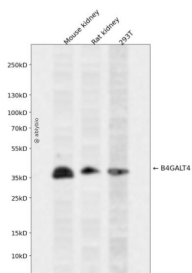
抗原信息

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| 抗原信息 | Recombinant fusion protein containing a sequence corresponding to amino acids 35-344 of human B4GALT4 (NP_003769.1). |
| 序列 | VGAIQEIPKAKEFMANFHKTLILGKGKTLTNEASTKKVELDNCPSVSPYLRGQSKLIFKPDLTLEEVQAENPKVSRGRYRPQE CKALQRVAILVPHRNREKHLMYLLEHLHPFLQRQQLDYGIYVIHQAEQKKNRAKLLNVGYLEALKEENWDCFIFHDVDLVP ENDFNLYKCEEHPKHLVGRNSTGYRLRYSGYFGGVTALSREQFFKVNQFSNNYWGWWGGEDDLRLRVELQRMKISRP LPEVGKTYTMVFHTRDKGNEVNAERMKLLHQVSRVWRDGLSSCSYKLVSV EHNPLYINITVDFWFGA |

靶点信息

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| 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 |
| 别名 | B4GALT4;B4Gal-T4;beta4Gal-T4;beta-1 |

产品验证



Western blot analysis of B4GALT4 expressed in Mouse kidney, Rat kidney, 293T using B4GALT4 Rabbit p Ab 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: 120 S.

实验步骤

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