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B4GALT2 Rabbit pAb

货号: **AYP20925**

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	WB: 1:500 - 1:2000 IHC: 1:100 - 1:200
理论分子量	
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	U-87MG,PC-3,OVCAR3,HT-29,Mouse brain,Mouse skeletal muscle,Mouse large intestine,Rat brain
细胞定位	Golgi apparatus,nucleoplasm
纯化	Affinity purification

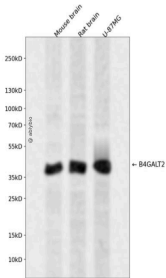
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 155-271 of human B4GALT2 (NP_085076.2).
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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 synthesizes N-acetyllactosamine in glycolipids and glycoproteins. Its substrate specificity is affected by alpha-lactalbumin but it is not expressed in lactating mammary tissue. Three transcript variants encoding two different isoforms have been found for this gene. [provided by RefSeq, Jul 2011]
基因ID	8704
基因名	B4GALT2
Swiss	O60909 (https://www.uniprot.org/uniprotkb/O60909/entry)
别名	B4Gal-T2,B4Gal-T3,beta4Gal-T2,B4GALT2,B4GALT2 Rabbit pAb,Beta-N-acetylglucosaminyl-glycolipid beta-1,4-galactosyltransferase,Beta-N-acetylglucosaminylglycopeptide beta-1,Lactose synthase A protein,N-acetyllactosamine synthase,Nal synthase,UDP-Gal:beta-GlcNAc beta-1

产品验证



Western blot analysis of B4GALT2 expressed in Mouse brain,Rat brain,U-87MG using B4GALT2 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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