

## B4GALT2 抗体

产品货号： mlR23826

英文名称： B4GALT2

中文名称： B4GALT2 抗体

别名： Beta-1,4-Galactosyltransferase 2; UDP-Galactose:Beta-N-Acetylglucosamine Beta-1,4-Galactosyltransferase 2; UDP-Gal:Beta-GlcNAc Beta-1,4-Galactosyltransferase 2; Beta-1,4-GalTase 2; Beta4Gal-T2; B4Gal-T2; Beta-N-Acetylglucosaminyl-Glycolipid Beta-1,4-Galactosyltransferase 2; UDP-Gal:BetaGlcNAc Beta 1,4- Galactosyltransferase, Polypeptide 2; UDP-Gal:BetaGlcNAc Beta 1,4-Galactosyltransferase, Polypeptide 2; UDP-Gal:BetaGlcNAc Beta 1,4- Galactosyltransferase 2; Beta-4-GalT2; EC 2.4.1.-; B4Gal-T3; B4GT2\_HUMAN;

研究领域： 细胞生物 合成与降解 糖蛋白

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Dog, Pig, Cow, Rabbit, Sheep,

产品应用： WB=1:500-2000 ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500

(石蜡切片需做抗原修复)

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量：42kDa

细胞定位：细胞浆

性状：Lyophilized or Liquid

浓度：1mg/ml

免疫原：KLH conjugated synthetic peptide derived from human B4GALT2:201-300/372 <Cytoplasmic>

亚型：IgG

纯化方法：affinity purified by Protein A

储存液：0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件：Store at -20 ° C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20° C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 ° C.

**PubMed :** PubMed

**产品介绍 :** 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; all 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]

**Function:**

Responsible for the synthesis of complex-type N-linked oligosaccharides in many glycoproteins as well as the carbohydrate moieties of glycolipids. Can produce lactose.

**Subcellular Location:**

Golgi apparatus

**Tissue Specificity:**

Weakly expressed in various tissues. Highest expression in prostate, testis, ovary, intestine, muscle, and in fetal brain.

**Similarity:**

Belongs to the glycosyltransferase 7 family.

**SWISS:**

O60909

**Gene ID:**

8704

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

