

产品名称: β -1,3-Gal-TL Rabbit Polyclonal Antibody
产品货号: APRab20341



产品概述 (Summary)

产品名称 (Production Name)	β -1,3-Gal-TL Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,ELISA
种属反应性 (Reactivity)	Human,Rat,Mouse

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Polyclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	B3GALT1
别名 (Alternative Names)	B3GALT1; B3GTL; Beta-1; 3-glucosyltransferase; Beta3Glc-T; Beta-3-glycosyltransferase-like
基因 ID (Gene ID)	145173.0
蛋白 ID (SwissProt ID)	Q6Y288.The antiserum was produced against synthesized peptide derived from human B3GALT1. AA range:449-498

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	57kDa

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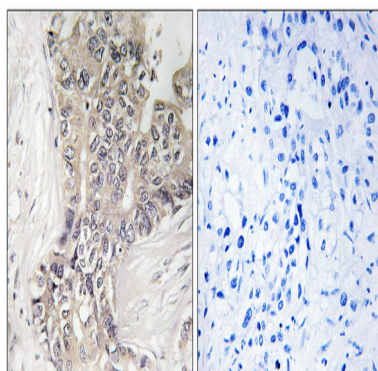


研究背景 (Background)

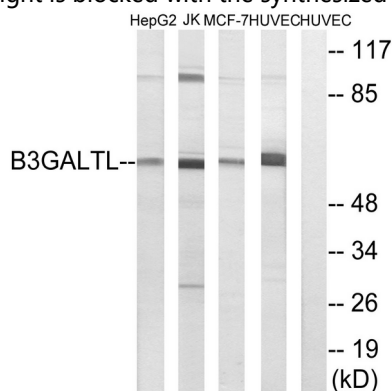
The protein encoded by this gene is a beta-1,3-glucosyltransferase that transfers glucose to O-linked fucosylglycans on thrombospondin type-1 repeats (TSRs) of several proteins. The encoded protein is a type II membrane protein. Defects in this gene are a cause of Peters-plus syndrome (PPS).[provided by RefSeq, Mar 2009],disease:Defects in B3GALTL are the cause of Peters-plus syndrome (PPS) [MIM:261540]. PPS is an autosomal recessive disorder characterized by anterior eye-chamber abnormalities, disproportionate short stature, developmental delay, characteristic craniofacial features, cleft lip and/or palate.,function:O-fucosyltransferase that transfers glucose toward fucose with a beta-1,3 linkage. Specifically glucosylates O-linked fucosylglycan on TSP type-1 domains of proteins, thereby contributing to elongation of O-fucosylglycan.,online information:GlycoGene database,pathway:Protein modification; protein glycosylation.,similarity:Belongs to the glucosyltransferase 31 family.,tissue specificity:Widely expressed, with highest levels in testis and uterus.,

研究领域 (Research Area)

图片 (Image Data)



Immunohistochemistry analysis of paraffin-embedded human liver carcinoma tissue, using B3GALTL Antibody. The picture on the right is blocked with the synthesized peptide.

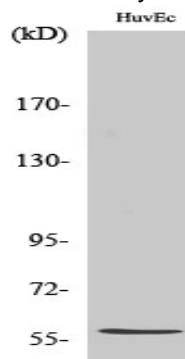


Western blot analysis of lysates from HUVEC, MCF-7, Jurkat, and HepG2 cells, using B3GALTL Antibody. The lane on the right

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is blocked with the synthesized peptide.



Western Blot analysis of various cells using β -1,3-Gal-TL Polyclonal Antibody diluted at 1 : 500. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .