

产品名称: OGT Rabbit Polyclonal Antibody
产品货号: APRab15125



产品概述 (Summary)

产品名称 (Production Name)	OGT Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,ELISA
种属反应性 (Reactivity)	Human,Mouse,Rat

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)	OGT UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110
别名 (Alternative Names)	kDa subunit (EC 2.4.1.255) (O-GlcNAc transferase subunit p110) (O-linked N-acetylglucosamine transferase 110 kDa subunit) (OGT)
基因 ID (Gene ID)	8473.0
蛋白 ID (SwissProt ID)	O15294.Synthesized peptide derived from human OGT Polyclonal AA range: 435-475

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	115kDa

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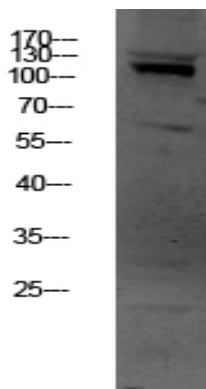
研究背景 (Background)

This gene encodes a glycosyltransferase that catalyzes the addition of a single N-acetylglucosamine in O-glycosidic linkage to serine or threonine residues. Since both phosphorylation and glycosylation compete for similar serine or threonine residues, the two processes may compete for sites, or they may alter the substrate specificity of nearby sites by steric or electrostatic effects. The protein contains multiple tetratricopeptide repeats that are required for optimal recognition of substrates. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Oct 2009], catalytic activity: UDP-N-acetyl-D-glucosamine + peptide = UDP + N-acetyl-beta-D-glucosaminyl-peptide, function: Addition of nucleotide-activated sugars directly onto the polypeptide through O-glycosidic linkage with the hydroxyl of serine or threonine, online information: UDP-N-acetylglucosamine--peptide N-acetylglucosaminyltransferase 110kDa subunit, pathway: Protein modification; protein glycosylation, similarity: Belongs to the O-GlcNAc transferase family, similarity: Contains 13 TPR repeats, subunit: Heterotrimer of two 110 kDa and one 70 kDa subunits. It is not known if the 70 kDa subunit is encoded by a separate gene or is the product of either of a proteolytic degradation or an alternative initiation of the 110 kDa subunit (By similarity). Interacts with HCFC1, tissue specificity: Highly expressed in pancreas and to a lesser extent in skeletal muscle, heart, brain and placenta. Present in trace amounts in lung and liver,

研究领域 (Research Area)

O-Glycan biosynthesis;

图片 (Image Data)



Western blot analysis of HEPG2 lysate, antibody was diluted at 1000. Secondary antibody was diluted at 1:20000

注意事项 (Note)

For research use only .