

产品名称: Glucosidase II β Rabbit Polyclonal Antibody
产品货号: APRab11487



产品概述 (Summary)

产品名称 (Production Name)	Glucosidase II β Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC/IF, ELISA
种属反应性 (Reactivity)	Human, 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)	PRKCSH
别名 (Alternative Names)	PRKCSH; G19P1; Glucosidase 2 subunit beta; 80K-H protein; Glucosidase II subunit beta; Protein kinase C substrate 60.1 kDa protein heavy chain; PKCSH
基因 ID (Gene ID)	5589.0
蛋白 ID (SwissProt ID)	P14314. The antiserum was produced against synthesized peptide derived from human GLU2B. AA range: 81-130

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000, ICC/IF 1:200-1:1000, ELISA 1:5000-1:20000
蛋白分子量 (Molecular Weight)	59kDa

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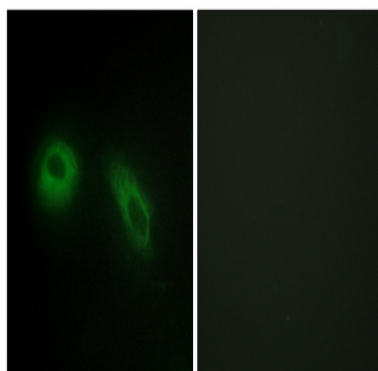


研究背景 (Background)

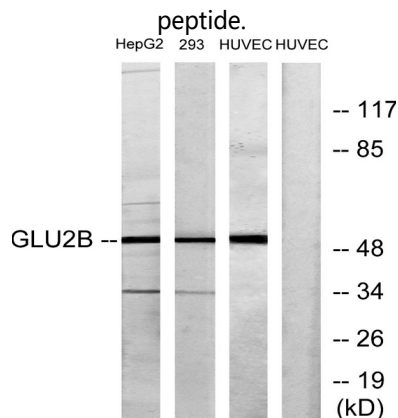
This gene encodes the beta-subunit of glucosidase II, an N-linked glycan-processing enzyme in the endoplasmic reticulum. The encoded protein is an acidic phosphoprotein known to be a substrate for protein kinase C. Mutations in this gene have been associated with the autosomal dominant polycystic liver disease. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014],disease:Defects in PRKCSH are a cause of polycystic liver disease (PCLD) [MIM:174050]. PCLD is an autosomal dominant disorder and is characterized by the presence of multiple liver cysts of biliary epithelial origin. PCLD is a distinct clinical and genetic entity that can occur independently from autosomal dominant polycystic kidney disease (ADPKD) [MIM:173900], which in a considerable but uncertain proportion of cases is associated with hepatic cysts.,function:Regulatory subunit of glucosidase II.,pathway:Glycan metabolism; N-glycan metabolism.,similarity:Contains 1 PRKCSH domain.,similarity:Contains 2 EF-hand domains.,subunit:Heterodimer of a catalytic alpha subunit (GANAB) and a beta subunit (PRKCSH). Binds glycosylated PTPRC.,

研究领域 (Research Area)

图片 (Image Data)

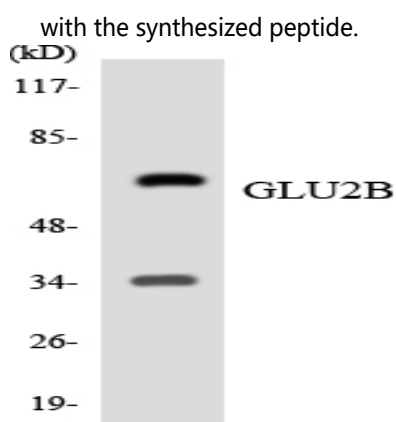


Immunofluorescence analysis of HeLa cells, using GLU2B Antibody. The picture on the right is blocked with the synthesized

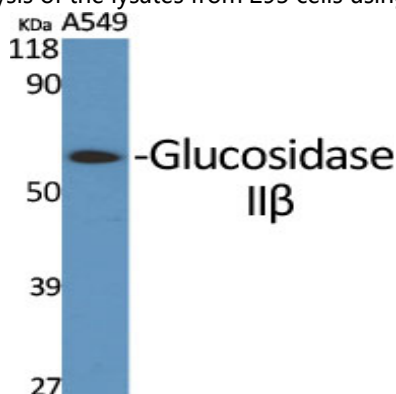


Western blot analysis of lysates from HepG2, 293, and HUVEC cells, using GLU2B Antibody. The lane on the right is blocked

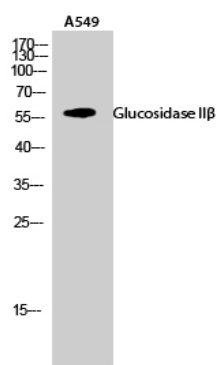
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Western blot analysis of the lysates from 293 cells using GLU2B antibody.



Western Blot analysis of various cells using Glucosidase II β Polyclonal Antibody



Western Blot analysis of A549 cells using Glucosidase II β Polyclonal Antibody

注意事项 (Note)

For research use only .