

产品名称: PHKG1 Rabbit Polyclonal Antibody
产品货号: APRab16074



产品概述 (Summary)

产品名称 (Production Name)	PHKG1 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
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)	PHKG1
别名 (Alternative Names)	PHKG1; PHKG; Phosphorylase b kinase gamma catalytic chain; skeletal muscle isoform; Phosphorylase kinase subunit gamma-1
基因 ID (Gene ID)	5260.0
蛋白 ID (SwissProt ID)	Q16816.The antiserum was produced against synthesized peptide derived from human PHKG1. AA range:241-290

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:50-1:300
蛋白分子量 (Molecular Weight)	45kDa

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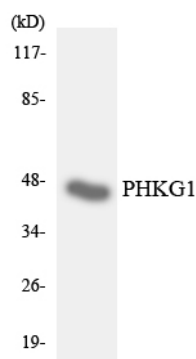
研究背景 (Background)

This gene is a member of the Ser/Thr protein kinase family and encodes a protein with one protein kinase domain and two calmodulin-binding domains. This protein is the catalytic member of a 16 subunit protein kinase complex which contains equimolar ratios of 4 subunit types. The complex is a crucial glycogenolytic regulatory enzyme. This gene has two pseudogenes at chromosome 7q11.21 and one at chromosome 11p11.12. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, May 2012],catalytic activity:2 ATP + phosphorylase b = 2 ADP + phosphorylase a.,domain:The two calmodulin-binding domains appear to act in concert to bind a single molecule of calmodulin and are pseudosubstrate/autoinhibitory domains.,function:Phosphorylase b kinase catalyzes the phosphorylation of serine in certain substrates, including troponin I.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family.,similarity:Contains 1 protein kinase domain.,subunit:Polymer of 16 chains, four each of alpha, beta, gamma, and delta. Alpha and beta are regulatory chains, gamma is the catalytic chain, and delta is calmodulin.,

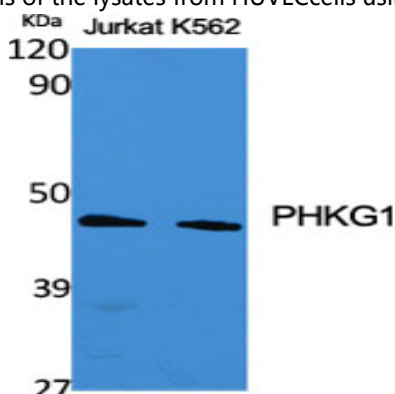
研究领域 (Research Area)

Calcium;Insulin_Receptor;

图片 (Image Data)

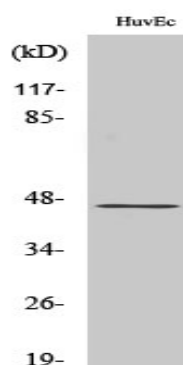


Western blot analysis of the lysates from HUVEC cells using PHKG1 antibody.



Western Blot analysis of various cells using PHKG1 Polyclonal Antibody

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Western Blot analysis of HepG2 cells using PHKG1 Polyclonal Antibody

注意事项 (Note)

For research use only .