

产品名称: ADP-GK Rabbit Polyclonal Antibody
产品货号: APRab06643



产品概述 (Summary)

产品名称 (Production Name)	ADP-GK 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,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)	ADPGK
别名 (Alternative Names)	ADPGK; PSEC0260; ADP-dependent glucokinase; ADP-GK; ADPGK; RbBP-35
基因 ID (Gene ID)	83440.0
蛋白 ID (SwissProt ID)	Q9BRR6.The antiserum was produced against synthesized peptide derived from human ADPGK. AA range:241-290

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:20000-1:40000
蛋白分子量 (Molecular Weight)	47kDa

研究背景 (Background)

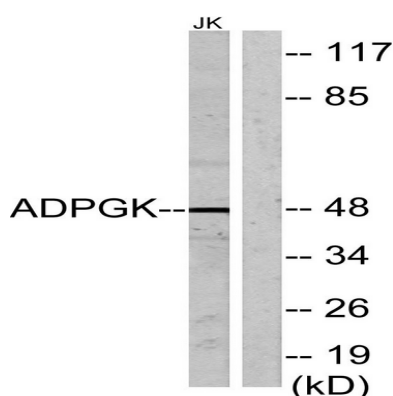
产品名称: ADP-GK Rabbit Polyclonal Antibody
产品货号: APRab06643



ADPGK (EC 2.7.1.147) catalyzes the ADP-dependent phosphorylation of glucose to glucose-6-phosphate and may play a role in glycolysis, possibly during ischemic conditions (Ronimus and Morgan, 2004 [PubMed 14975750]).[supplied by OMIM, Mar 2008],catalytic activity:ADP + D-glucose = AMP + D-glucose 6-phosphate.,cofactor:Binds 1 magnesium ion per subunit.,function:Catalyzes the phosphorylation of D-glucose to D-glucose 6-phosphate using ADP as the phosphate donor. GDP and CDP can replace ADP, but with reduced efficiency.,pathway:Carbohydrate degradation; glycolysis.,similarity:Belongs to the ADP-dependent glucokinase family.,similarity:Contains 1 ADPK (ADP-dependent kinase) domain.,subunit:Monomer.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from Jurkat cells, using ADPGK Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .