

产品名称: DGK-κ Rabbit Polyclonal Antibody
产品货号: APRab09954



产品概述 (Summary)

产品名称 (Production Name)	DGK-κ 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)	DGKK
别名 (Alternative Names)	DGKK; Diacylglycerol kinase kappa; DAG kinase kappa; 142 kDa diacylglycerol kinase; Diglyceride kinase kappa; DGK-kappa
基因 ID (Gene ID)	139189.0
蛋白 ID (SwissProt ID)	Q5KSL6.The antiserum was produced against synthesized peptide derived from human DGKK. AA range:1221-1270

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 1:10000-1:20000
蛋白分子量 (Molecular Weight)	142kDa

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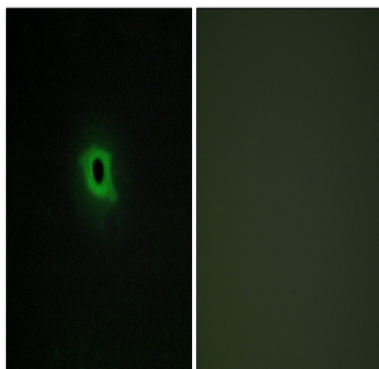


研究背景 (Background)

The protein encoded by this gene is an enzyme that phosphorylates diacylglycerol, converting it to phosphatidic acid. The encoded protein is a membrane protein and is inhibited by hydrogen peroxide. Variations in this gene have been associated with hypospadias. [provided by RefSeq, Mar 2011], catalytic activity: $\text{ATP} + 1,2\text{-diacylglycerol} = \text{ADP} + 1,2\text{-diacyl-sn-glycerol 3-phosphate}$, enzyme regulation: Inhibited in response to H_2O_2 , function: Phosphorylates diacylglycerol (DAG) to generate phosphatidic acid (PA), PTM: Phosphorylated at Tyr-78 by some member of the SRC family in response to H_2O_2 , similarity: Belongs to the eukaryotic diacylglycerol kinase family, similarity: Contains 1 DAGKc domain, similarity: Contains 1 PH domain, similarity: Contains 2 phorbol-ester/DAG-type zinc fingers, subunit: Does not form homooligomers, tissue specificity: Expressed in testis, and to a lesser extent in placenta,

研究领域 (Research Area)

图片 (Image Data)



Immunofluorescence analysis of COS7 cells, using DGKK Antibody. The picture on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .