

产品名称: DGK- ι Rabbit Polyclonal Antibody
产品货号: APRab09953



产品概述 (Summary)

产品名称 (Production Name)	DGK- ι 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

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)	DGKI
别名 (Alternative Names)	DGKI; Diacylglycerol kinase ι ; DAG kinase ι ; Diglyceride kinase ι ; DGK- ι
基因 ID (Gene ID)	9162.0
蛋白 ID (SwissProt ID)	O75912.The antiserum was produced against synthesized peptide derived from human DGKI. AA range:991-1040

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)	160kDa

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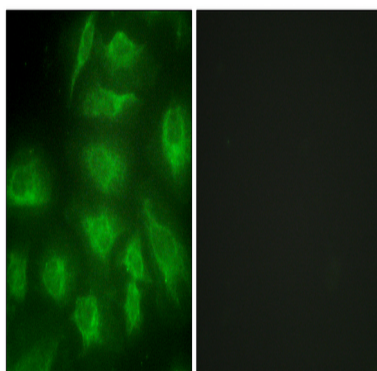
研究背景 (Background)

This gene is a member of the type IV diacylglycerol kinase subfamily. Diacylglycerol kinases regulate the intracellular concentration of diacylglycerol through its phosphorylation, producing phosphatidic acid. The specific role of the enzyme encoded by this gene is undetermined, however, it may play a crucial role in the production of phosphatidic acid in the retina or in recessive forms of retinal degeneration. [provided by RefSeq, Jul 2008], catalytic activity: $\text{ATP} + 1,2\text{-diacylglycerol} = \text{ADP} + 1,2\text{-diacyl-sn-glycerol 3-phosphate}$, similarity: Belongs to the eukaryotic diacylglycerol kinase family, similarity: Contains 1 DAGKc domain, similarity: Contains 2 ANK repeats, similarity: Contains 2 phorbol-ester/DAG-type zinc fingers,

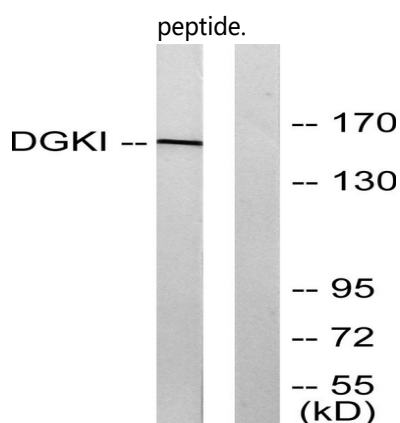
研究领域 (Research Area)

Glycerolipid metabolism; Glycerophospholipid metabolism; Phosphatidylinositol signaling system;

图片 (Image Data)

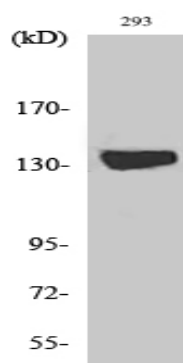


Immunofluorescence analysis of HeLa cells, using DGKI Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from 293 cells, using DGKI Antibody. The lane on the right is blocked with the synthesized peptide.

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Western Blot analysis of various cells using DGK- ι Polyclonal Antibody diluted at 1: 1000

注意事项 (Note)

For research use only .