

产品名称: DGK- δ Rabbit Polyclonal Antibody
产品货号: APRab09948



产品概述 (Summary)

产品名称 (Production Name)	DGK- δ 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)	DGKD
别名 (Alternative Names)	DGKD; KIAA0145; Diacylglycerol kinase delta; DAG kinase delta; 130 kDa diacylglycerol kinase; Diglyceride kinase delta; DGK-delta
基因 ID (Gene ID)	8527.0
蛋白 ID (SwissProt ID)	Q16760.The antiserum was produced against synthesized peptide derived from human DGKD. AA range:41-90

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)	135kDa

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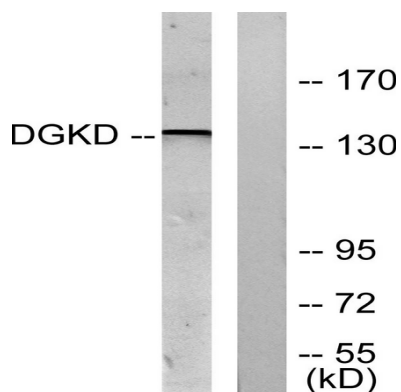
研究背景 (Background)

This gene encodes a cytoplasmic enzyme that phosphorylates diacylglycerol to produce phosphatidic acid. Diacylglycerol and phosphatidic acid are two lipids that act as second messengers in signaling cascades. Their cellular concentrations are regulated by the encoded protein, and so it is thought to play an important role in cellular signal transduction. Alternative splicing results in two transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008], catalytic activity: ATP + 1,2-diacylglycerol = ADP + 1,2-diacyl-sn-glycerol 3-phosphate., enzyme regulation: Partially inhibited by phosphatidylserine., function: May function as signaling molecule. Isoform 2 may be involved in cell growth and tumorigenesis., PTM: Isoform 1 H domain is phosphorylated., similarity: Belongs to the eukaryotic diacylglycerol kinase family., similarity: Contains 1 DAGKc domain., similarity: Contains 1 PH domain., similarity: Contains 1 SAM (sterile alpha motif) domain., similarity: Contains 2 phorbol-ester/DAG-type zinc fingers., subunit: The two isoforms are able to form homo- and hetero-oligomer structures (at least tetramers), tissue specificity: Isoform 2 is ubiquitously expressed also in tumor tissues. Isoform 1 is expressed in ovary, spleen and some tumor-derived cells.,

研究领域 (Research Area)

Glycerolipid metabolism; Glycerophospholipid metabolism; Phosphatidylinositol signaling system;

图片 (Image Data)



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



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Western Blot analysis of various cells using DGK- δ Polyclonal Antibody

注意事项 (Note)

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