

产品名称: DGK- α Rabbit Polyclonal Antibody
产品货号: APRab09946



产品概述 (Summary)

产品名称 (Production Name)	DGK- α 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)	DGKA
别名 (Alternative Names)	DGKA; DAGK; DAGK1; Diacylglycerol kinase alpha; DAG kinase alpha; 80 kDa diacylglycerol kinase; Diglyceride kinase alpha; DGK-alpha
基因 ID (Gene ID)	1606.0
蛋白 ID (SwissProt ID)	P23743.The antiserum was produced against synthesized peptide derived from human DGKA. AA range:304-353

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	80kDa

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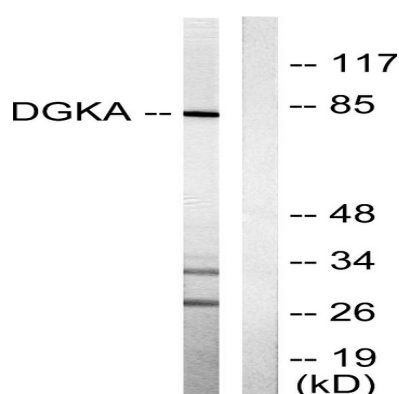
研究背景 (Background)

The protein encoded by this gene belongs to the eukaryotic diacylglycerol kinase family. It acts as a modulator that competes with protein kinase C for the second messenger diacylglycerol in intracellular signaling pathways. It also plays an important role in the resynthesis of phosphatidylinositols and phosphorylating diacylglycerol to phosphatidic acid. Alternative splicing occurs at this locus and four transcript variants encoding the same protein have been identified. [provided by RefSeq, Jul 2008],catalytic activity:ATP + 1,2-diacylglycerol = ADP + 1,2-diacyl-sn-glycerol 3-phosphate,enzyme regulation:Stimulated by calcium and phosphatidylserine. Phosphorylated by protein kinase C,function:Upon cell stimulation converts the second messenger diacylglycerol into phosphatidate, initiating the resynthesis of phosphatidylinositols and attenuating protein kinase C activity,similarity:Belongs to the eukaryotic diacylglycerol kinase family,similarity:Contains 1 DAGKc domain,similarity:Contains 2 EF-hand domains,similarity:Contains 2 phorbol-ester/DAG-type zinc fingers,subunit:Monomer,tissue specificity:Lymphocytes and oligodendroglial cells,

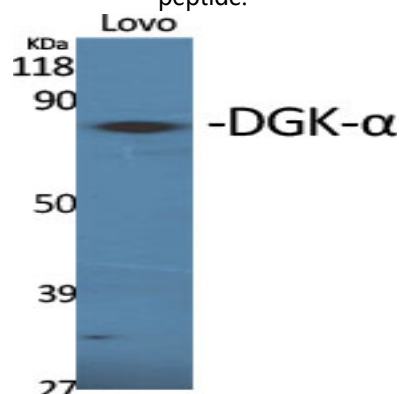
研究领域 (Research Area)

Glycerolipid metabolism;Glycerophospholipid metabolism;Phosphatidylinositol signaling system;

图片 (Image Data)

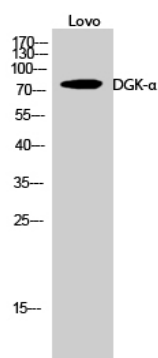


Western blot analysis of lysates from Jurkat cells, using DGKA Antibody. The lane on the right is blocked with the synthesized peptide.



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

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Western Blot analysis of Lovo cells using DGK- α Polyclonal Antibody

注意事项 (Note)

For research use only .