

产品名称: DGK- η Rabbit Polyclonal Antibody

产品货号: APRab09951

产品概述 (Summary)

描述(Description)	Rabbit polyclonal Antibody
宿主(Host)	Rabbit
应用(Application)	IHC, ICC/IF, ELISA
种属反应(Reactivity)	Human, Mouse
偶联物(Conjugation)	Unconjugated
修饰(Modification)	Unmodified
同种型(Isotype)	IgG
克隆(Clonality)	Polyclonal
剂型(Form)	Liquid
保存条件(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 (Purification)	Affinity purification

产品应用(Application)

稀释比(Dilution Ratio) IHC 1:100-1:300, ICC/IF 1:200-1:1000, ELISA 1:10000-1:20000

分子量(Molecular Weight)

抗原信息(Antigen Information)

基因名(Gene Name)	DGKH
别名(Alternative Names)	DGKH; Diacylglycerol kinase eta; DAG kinase eta; Diglyceride kinase eta; DGK-eta
基因 ID(Gene ID)	160851.0
SwissProt ID	Q86XP1
免疫原(Immunogen)	The antiserum was produced against synthesized peptide derived from human DGKH. AA range:771-820

研究背景 (Background)

diacylglycerol kinase eta(DGKH) Homo sapiens This gene encodes a member of the diacylglycerol kinase (DGK) enzyme family. Members of this family are involved in regulating intracellular concentrations of diacylglycerol and phosphatidic acid.

Variation in this gene has been associated with bipolar disorder. Alternatively spliced transcript variants have been identified. [provided by RefSeq, Jul 2014], catalytic activity: $\text{ATP} + 1,2\text{-diacylglycerol} = \text{ADP} + 1,2\text{-diacyl-sn-glycerol 3-phosphate}$., function: Phosphorylates diacylglycerol (DAG) to generate phosphatidic acid (PA)., PTM: Phosphorylated; does not inhibit catalytic activity., 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., subcellular location: Translocated from the cytoplasm to endosomes in response to stress stimuli. Isoform 2 is rapidly relocated back to the cytoplasm upon removal of stress stimuli, whereas isoform 1 exhibits sustained endosomal association., subunit: Isoform 1 forms homooligomers through the SAM domain. Isoform 1 is also able to form heterooligomers with SAM domain-containing isoforms of DGKD. Oligomerization of isoform 1 inhibits its catalytic activity., tissue specificity: Isoform 2 is ubiquitously expressed. Isoform 1 is expressed only in testis, kidney and colon.,

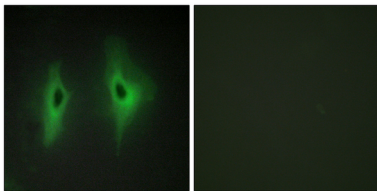
研究领域 (Research Area)

Glycerolipid metabolism; Glycerophospholipid metabolism; Phosphatidylinositol signaling system;

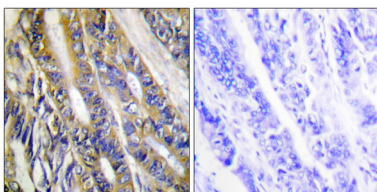
注意事项 (Note)

For research use only.

图片 (Image Data)



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



Immunohistochemistry analysis of paraffin-embedded human colon carcinoma tissue, using DGKH Antibody. The picture on the right is blocked with the synthesized peptide.

EnkiLife 优势产品推荐

产品类别	产品货号	产品名称
WB 解决方案	RA10020	2h 极速 WB 即用型全流程试剂盒
	RA10021	4h 快速 WB 即用型全流程试剂盒
	RA10042	5h 畅享版 WB 全流程试剂盒
	RA10037	校准级彩色预染蛋白 Marker (8-180kDa)
	RA10038	校准级彩色预染蛋白 Marker (10-250kDa)
	RA10039	校准级高分子彩色预染蛋白 Marker (25-400kDa)
TSA 多重荧光染色试剂盒	RA10008	TSA 双标三色多重荧光染色试剂盒 (mIHC)
	RA10009	TSA 三标四色多重荧光染色试剂盒 (mIHC)
	RA10010	TSA 四标五色多重荧光染色试剂盒 (mIHC)
	RA10011	TSA 五标六色多重荧光染色试剂盒 (mIHC)
	RA10012	TSA 六标七色多重荧光染色试剂盒 (mIHC)
IHC 检测试剂盒	RA10006	HRP Anti-Mouse/Rabbit IHC Detection System
	RA10007	Polymer-HRP Anti-Mouse/Rabbit IHC Detection System
抗体标记试剂盒	RE80004p	辣根过氧化物酶(HRP)抗体标记试剂盒
	RE80002q	Sulfo-NHS-生物素标记试剂盒
	RE80007p	Cy3 荧光素标记试剂盒
	RE80011p	Fluor488 荧光素标记试剂盒
	RE80017p	Fluor750 荧光素标记试剂盒
	RE80005p	藻红蛋白(R-PE) 抗体快速标记试剂盒
	RE80040	PE-Cy7 串联染料抗体快速标记试剂盒
稳转细胞系构建服务 (免费赠送全膜 WB 验证)	TS-0001	过表达稳转细胞系构建
	TS-0002	敲低稳转细胞系构建
	TS-0003	敲除细胞系构建

限于篇幅，更多产品详见官网：<https://www.enkilife.cn>