

产品名称: DHA Kinase Rabbit Polyclonal Antibody
产品货号: APRab09958



产品概述 (Summary)

产品名称 (Production Name)	DHA Kinase 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,Mouse,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)	DAK
别名 (Alternative Names)	DAK; Bifunctional ATP-dependent dihydroxyacetone kinase/FAD-AMP lyase; cyclizing
基因 ID (Gene ID)	26007.0
蛋白 ID (SwissProt ID)	Q3LXA3.The antiserum was produced against synthesized peptide derived from human DAK. AA range:91-140

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:200-1:1000,IHC 1:100-1:500,ICC/IF 1:20-1:50,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	59kDa

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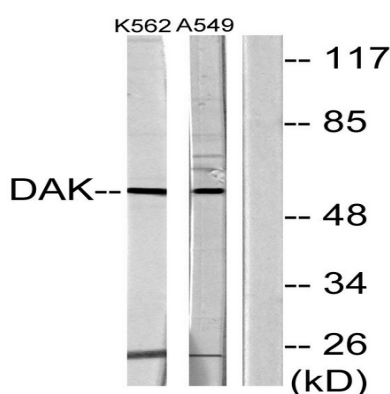
研究背景 (Background)

This gene is a member of the family of dihydroxyacetone kinases, which have a protein structure distinct from other kinases. The product of this gene phosphorylates dihydroxyacetone, and also catalyzes the formation of riboflavin 4',5'-phosphate (aka cyclin FMN) from FAD. Several alternatively spliced transcript variants have been identified, but the full-length nature of only one has been determined. [provided by RefSeq, Jul 2008], catalytic activity: ATP + glycerone = ADP + glycerone phosphate, catalytic activity: FAD = AMP + riboflavin cyclic-4',5'-phosphate, cofactor: Magnesium, cofactor: Manganese or cobalt; for FAD-AMP lyase activity, enzyme regulation: Each activity is inhibited by the substrate(s) of the other, function: Catalyzes both the phosphorylation of dihydroxyacetone and the splitting of ribonucleoside diphosphate-X compounds among which FAD is the best substrate, similarity: Belongs to the dihydroxyacetone kinase (DAK) family, similarity: Contains 1 DAK1 (dihydroxyacetone kinase subunit 1) domain, similarity: Contains 1 DAK2 (dihydroxyacetone kinase subunit 2) domain, subunit: Homodimer,

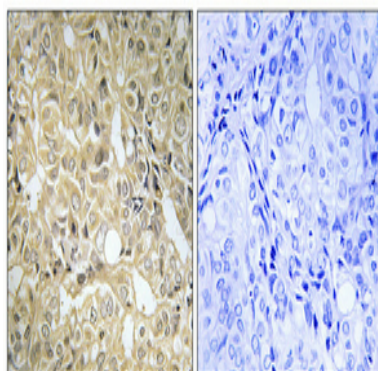
研究领域 (Research Area)

Glycerolipid metabolism; RIG-I-like receptor;

图片 (Image Data)



Western blot analysis of lysates from K562 and A549 cells, using DAK Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded Human prostate cancer. Antibody was diluted at 1:1000.

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1:100 (4°,overnight) . High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negative control (right) obtained from antibody was pre-absorbed by immunogen peptide.

注意事项 (Note)

For research use only .