

产品名称: AKAP 2 Rabbit Polyclonal Antibody
产品货号: APRab06722



产品概述 (Summary)

产品名称 (Production Name)	AKAP 2 Rabbit Polyclonal Antibody
描述 (Description)	Rabbit polyclonal Antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,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)	AKAP2
别名 (Alternative Names)	AKAP2; KIAA0920; PRKA2; A-kinase anchor protein 2; AKAP-2; AKAP-KL; Protein kinase A-anchoring protein 2; PRKA2
基因 ID (Gene ID)	445815/11217
蛋白 ID (SwissProt ID)	Q9Y2D5.The antiserum was produced against synthesized peptide derived from human AKAP2. AA range:71-120

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,ELISA 1:10000-1:20000
蛋白分子量 (Molecular Weight)	96kDa

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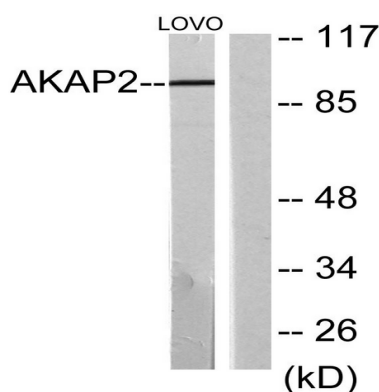


研究背景 (Background)

The protein encoded by this gene binds to the regulatory subunit of protein kinase A and is found associated with the actin cytoskeleton. The encoded protein mediates signals carried by cAMP and may be involved in creating polarity in certain signaling processes. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2011],caution:It is uncertain whether Met-1 or Met-3 is the initiator.,function:Binds to regulatory subunit (RII) of protein kinase A. May be involved in establishing polarity in signaling systems or in integrating PKA-RII isoforms with downstream effectors to capture, amplify and focus diffuse, trans-cellular signals carried by cAMP.,miscellaneous:Can be differentially expressed as a natural AKAP2-PALM2 chimeric protein.,similarity:Belongs to the paralemmin family.,tissue specificity:Expressed in infantile heart and muscle, and fibroblasts.,

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of lysates from LOVO cells, using AKAP2 Antibody. The lane on the right is blocked with the synthesized peptide.

注意事项 (Note)

For research use only .