

产品名称: AKAP 95 Rabbit Polyclonal Antibody
产品货号: APRab06727



产品概述 (Summary)

产品名称 (Production Name)	AKAP 95 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)	AKAP8
别名 (Alternative Names)	AKAP8; AKAP95; A-kinase anchor protein 8; AKAP-8; A-kinase anchor protein 95 kDa; AKAP 95
基因 ID (Gene ID)	10270.0
蛋白 ID (SwissProt ID)	O43823.The antiserum was produced against synthesized peptide derived from human AKAP8. AA range:331-380

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)	76kDa

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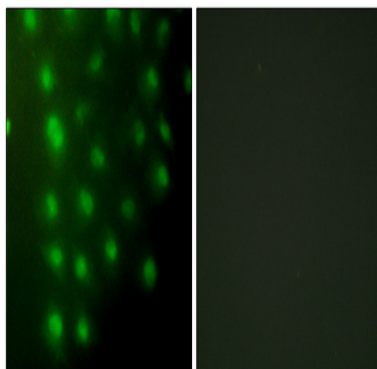
研究背景 (Background)

This gene encodes a member of the A-kinase anchor protein family. A-kinase anchor proteins are scaffold proteins that contain a binding domain for the RI/RII subunit of protein kinase A (PKA) and recruit PKA and other signaling molecules to specific subcellular locations. This gene encodes a nuclear A-kinase anchor protein that binds to the RII alpha subunit of PKA and may play a role in chromosome condensation during mitosis by targeting PKA and the condensin complex to chromatin. A pseudogene of this gene is located on the short arm of chromosome 9. [provided by RefSeq, May 2011],function:Anchoring protein that mediates the subcellular compartmentation of cAMP-dependent protein kinase (PKA type II),similarity:Belongs to the AKAP95 family.,subcellular location:Associated with the nuclear matrix. Redistributed and detached from condensed chromatin during mitosis.,subunit:Binds to dimeric RII-alpha regulatory subunit of PKA during mitosis.,tissue specificity:Highly expressed in heart, liver, skeletal muscle, kidney and pancreas.,

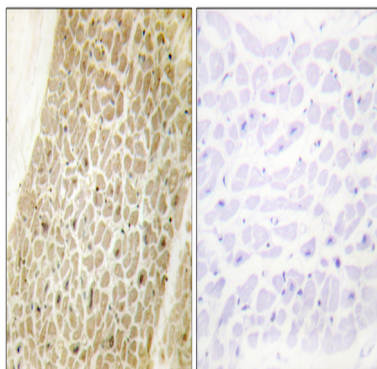
研究领域 (Research Area)

Epigenetics and Nuclear Signaling

图片 (Image Data)

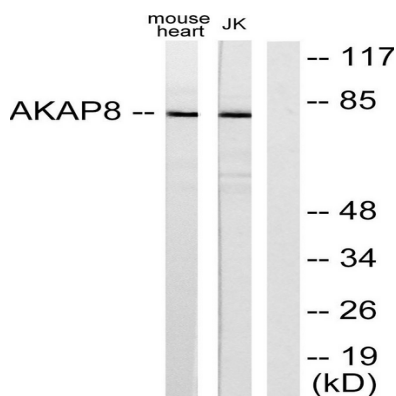


Immunofluorescence analysis of HUVEC cells, using AKAP8 Antibody. The picture on the right is blocked with the synthesized peptide.

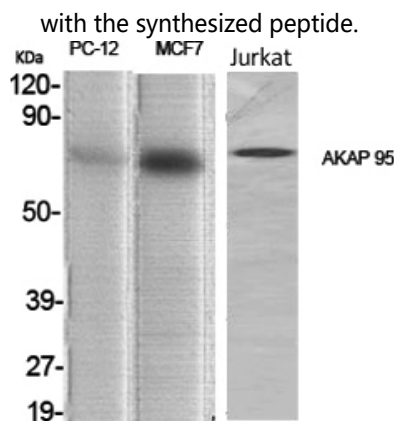


Immunohistochemistry analysis of paraffin-embedded human heart tissue, using AKAP8 Antibody. The picture on the right is blocked with the synthesized peptide.

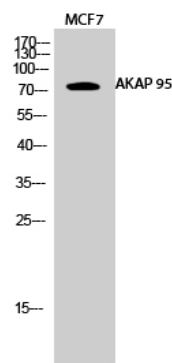
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Western blot analysis of lysates from mouse heart and Jurkat cells, using AKAP8 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using AKAP 95 Polyclonal Antibody diluted at 1: 1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .



Western Blot analysis of MCF7 cells using AKAP 95 Polyclonal Antibody diluted at 1: 1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003, Inventbiotech, MN, USA) .

注意事项 (Note)

For research use only .