

产品名称: CALD1 Mouse Monoclonal Antibody
产品货号: AMM82346



产品概述 (Summary)

产品名称 (Production Name)	CALD1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
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)	Mouse IgG1
克隆 (Clonality)	Monoclonal
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)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CALD1
别名 (Alternative Names)	CDM; HCAD; LCAD; H-CAD; L-CAD; NAG22
基因 ID (Gene ID)	800.0
蛋白 ID (SwissProt ID)	Q05682.Purified recombinant fragment of human CALD1 (AA: 26-207) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	93.2kDa

研究背景 (Background)

This gene encodes a calmodulin- and actin-binding protein that plays an essential role in the regulation of smooth muscle

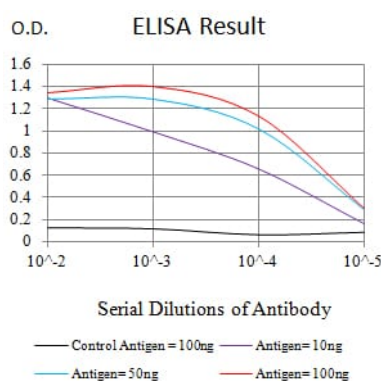
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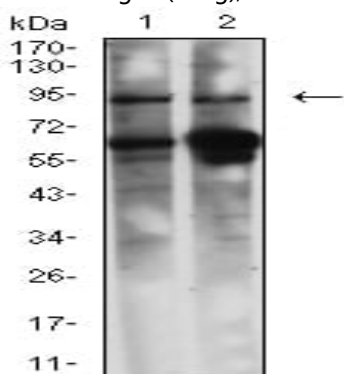
and nonmuscle contraction. The conserved domain of this protein possesses the binding activities to Ca^{2+} -calmodulin, actin, tropomyosin, myosin, and phospholipids. This protein is a potent inhibitor of the actin-tropomyosin activated myosin MgATPase , and serves as a mediating factor for Ca^{2+} -dependent inhibition of smooth muscle contraction. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

研究领域 (Research Area)

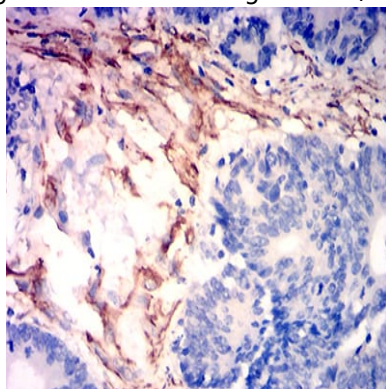
图片 (Image Data)



Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)



Western blot analysis using CALD1 mouse mAb against NIH/3T3 (1) and C6 (2) cell lysate.



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Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CALD1 mouse mAb with DAB staining.

注意事项 (Note)

For research use only .