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Caldesmon Antibody

货号: **AYP4881**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IF ELISA
推荐浓度	WB: 1:500 - 1:2000 IF: 1:50 - 1:200
理论分子量	61kDa/62kDa/64kDa/65kDa/93kDa
实测分子量	
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	A-431
细胞定位	Cytoplasm,cytoskeleton,myofibril
纯化	Affinity purification

抗原信息

抗原信息	Synthesized peptide derived from Human Caldesmon.
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靶点信息

研究背景	This gene encodes a calmodulin- and actin-binding protein that plays an essential role in the regulation of smooth muscle 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.
基因ID	800
基因名	CALD1
Swiss	Q05682 (https://www.uniprot.org/uniprotkb/Q05682/entry)
别名	CALD1,CDM,H-CAD,HCAD,L-CAD,LCAD,NAG22,caldesmon,Caldesmon Antibody,CAD

产品验证

实验步骤

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