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Caldesmon Rabbit mAb

货号: AYM30231

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB IHC IF/ICC IP FC
推荐浓度	**WB:** 1:500 - 1:2000 **IHC:** 1:50 - 1:200 **IF/ICC:** 1:50 - 1:200 **IP:** 1:20 - 1:50 **FC:** 1:20 - 1:50
理论分子量	61kDa/62kDa/64kDa/65kDa/93kDa
实测分子量	70kDa
形式	Liquid
保存条件	Store at -20℃. 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

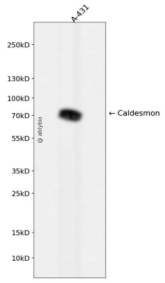
抗原信息

抗原信息	Recombinant fusion protein corresponding to Human Caldesmon.

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 in hibitor 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 tra nscript variants encoding distinct isoforms.
基因ID	800
基因名	CALD1
Swiss	Q05682 (https://www.uniprot.org/uniprotkb/Q05682/entry)
别名	Caldesmon,Caldesmon Rabbit mAb,CALD1,CAD,CDM

产品验证



Western blot analysis of Caldesmon expressed in A-431 using Caldesmon Rabbit mAb at 1:1000. Seconda ry antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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