

产品名称: Caldesmon (3X14) Rabbit Monoclonal Antibody
产品货号: AMRe07853



产品概述 (Summary)

产品名称 (Production Name)	Caldesmon (3X14) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IF-P
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
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)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% protective protein.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CALD1
别名 (Alternative Names)	CAD; CALD1; CDM; L-caldesmon; Non-muscle caldesmon;
基因 ID (Gene ID)	800.0
蛋白 ID (SwissProt ID)	Q05682.A synthetic peptide of human Caldesmon/CDM

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:20-1:100,IF-P 1:20-1:50
蛋白分子量 (Molecular Weight)	93kDa

研究背景 (Background)

Actin- and myosin-binding protein implicated in the regulation of actomyosin interactions in smooth muscle and

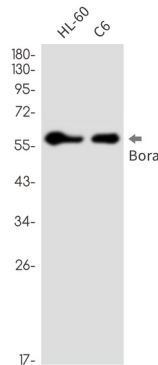
产品名称: Caldesmon (3X14) Rabbit Monoclonal Antibody
产品货号: AMRe07853

nonmuscle cells (could act as a bridge between myosin and actin filaments). Stimulates actin binding of tropomyosin which increases the stabilization of actin filament structure. In muscle tissues, inhibits the actomyosin ATPase by binding to F-actin. Actin- and myosin-binding protein implicated in the regulation of actomyosin interactions in smooth muscle and nonmuscle cells (could act as a bridge between myosin and actin filaments). Stimulates actin binding of tropomyosin which increases the stabilization of actin filament structure. In muscle tissues, inhibits the actomyosin ATPase by binding to F-actin. This inhibition is attenuated by calcium-calmodulin and is potentiated by tropomyosin. Interacts with actin, myosin, two molecules of tropomyosin and with calmodulin. Also plays an essential role during cellular mitosis and receptor capping. Involved in Schwann cell migration during peripheral nerve regeneration (By similarity).

研究领域 (Research Area)

Cell Biology

图片 (Image Data)



Western blot detection of Caldesmon/CDM in Hela,C6 cell lysates using Caldesmon/CDM antibody(1:1000 diluted).

注意事项 (Note)

For research use only .