

产品名称: Caveolin-3 (19O1) Rabbit Monoclonal Antibody
产品货号: AMRe08023



产品概述 (Summary)

产品名称 (Production Name)	Caveolin-3 (19O1) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,IP
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)	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)	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% New type preservative N and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.
纯化方式 (Purification)	Affinity purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	CAV3
别名 (Alternative Names)	CAV3; M-caveolin; Caveolin 3; VIP21;
基因 ID (Gene ID)	859.0
蛋白 ID (SwissProt ID)	P56539.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:500-1:2000,IP 1:10-1:100
蛋白分子量 (Molecular Weight)	17kDa

研究背景 (Background)

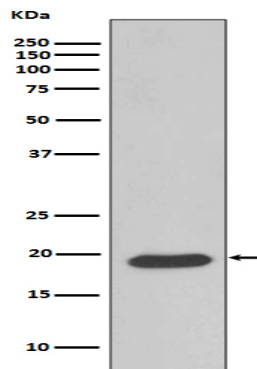
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Caveolin-3 may act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress. May act as a scaffolding protein within caveolar membranes. Interacts directly with G-protein alpha subunits and can functionally regulate their activity. May also regulate voltage-gated potassium channels. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress (By similarity). Mediates the recruitment of CAVIN2 and CAVIN3 proteins to the caveolae (PubMed:19262564).

研究领域 (Research Area)

Signal Transduction; Metabolism; Plasma Membrane; Channels; Protein Trafficking; Golgi Proteins; Vitamins / Minerals; Cardiovascular; Heart; Cardiac metabolism; Hypertrophy; Developmental Biology; Organogenesis; Skeletal development; Muscle; Neuroscience

图片 (Image Data)



Western blot analysis of Caveolin 3 expression in Human fetal heart lysate.

注意事项 (Note)

For research use only .