

产品名称: PRKAA1 Mouse Monoclonal Antibody
产品货号: AMM86058



产品概述 (Summary)

产品名称 (Production Name)	PRKAA1 Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC
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)	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)	PRKAA1
别名 (Alternative Names)	5'-AMP-activated protein kinase catalytic subunit alpha-1, AMPK subunit alpha-1, Acetyl-CoA carboxylase kinase, ACACA kinase, Hydroxymethylglutaryl-CoA reductase kinase, HMGR kinase, Tau-protein kinase PRKAA1, PRKAA1, AMPK1
基因 ID (Gene ID)	5562.0
蛋白 ID (SwissProt ID)	Q13131.This PRKAA1 Monoclonal antibody was raised using purified His-tagged recombinant human PRKAA1.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:1000-1:5000,IHC 1:100-1:500
蛋白分子量 (Molecular Weight)	64.0kDa

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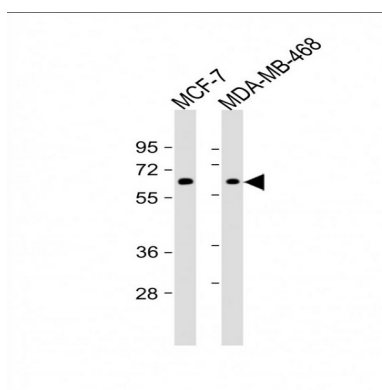
研究背景 (Background)

Responsible for the regulation of fatty acid synthesis by phosphorylation of acetyl-CoA carboxylase. It also regulates cholesterol synthesis via phosphorylation and inactivation of hormone-sensitive lipase and hydroxymethylglutaryl-CoA reductase. Appears to act as a metabolic stress-sensing protein kinase switching off biosynthetic pathways when cellular ATP levels are depleted and when 5'-AMP rises in response to fuel limitation and/or hypoxia. This is a catalytic subunit.

研究领域 (Research Area)

Autophagy, Wnt signaling pathway, PI3K-Akt signaling pathway

图片 (Image Data)



All lanes : Anti-PRKAA1 Antibody at 1:1000 dilution

注意事项 (Note)

For research use only .