

产品名称: AMPK alpha Rabbit Monoclonal Antibody
产品货号: AMRe85224



产品概述 (Summary)

产品名称 (Production Name)	AMPK alpha Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IP
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)	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	AMPK alpha PRKAA2; AMPK; AMPK2; 5'-AMP-activated protein kinase catalytic subunit
别名 (Alternative Names)	alpha-2; AMPK subunit alpha-2; Acetyl-CoA carboxylase kinase; ACACA kinase; Hydroxymethylglutaryl-CoA reductase kinase; HMGCR kinase
基因 ID (Gene ID)	5563.0
蛋白 ID (SwissProt ID)	P54646.Recombinant protein of human AMPK alpha 2

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000, IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 62 kDa; Observed MW: 62 kDa

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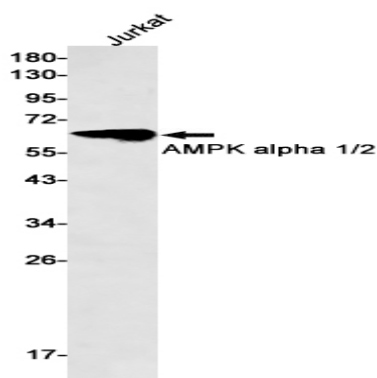
研究背景 (Background)

AMP-activated protein kinase (AMPK) is highly conserved from yeast to plants and animals and plays a key role in the regulation of energy homeostasis. AMPK is a heterotrimeric complex composed of a catalytic α subunit and regulatory β and γ subunits, each of which is encoded by two or three distinct genes ($\alpha 1, 2$; $\beta 1, 2$; $\gamma 1, 2, 3$). The kinase is activated by an elevated AMP/ATP ratio due to cellular and environmental stress, such as heat shock, hypoxia, and ischemia.

研究领域 (Research Area)

Autophagy, Wnt signaling pathway, PI3K-Akt signaling pathway

图片 (Image Data)



Western blot analysis of AMPK alpha 1/2 in Jurkat lysates using AMPK alpha antibody.

注意事项 (Note)

For research use only .