

产品名称: Phospho-AMPK alpha 1 (Ser496) Rabbit Monoclonal Antibody
产品货号: AMRe84888



产品概述 (Summary)

产品名称 (Production Name)	Phospho-AMPK alpha 1 (Ser496) Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB, ICC, IP
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Phosphorylated
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)	Phospho-AMPK alpha 1 (Ser496) PRKAA1; AMPK1; 5'-AMP-activated protein kinase catalytic subunit alpha-1;
别名 (Alternative Names)	AMPK subunit alpha-1; Acetyl-CoA carboxylase kinase; ACACA kinase; Hydroxymethylglutaryl-CoA reductase kinase; HMGCR kinase; Tau-protein kinase PRKAA1
基因 ID (Gene ID)	5562.0
蛋白 ID (SwissProt ID)	Q13131.A synthetic phosphopeptide corresponding to residues surrounding Ser496 of human AMPK alpha 1

产品应用 (Application)

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稀释比 (Dilution Ratio)	WB 1:500-1:1000, ICC 1:50-1:200, IP 1:10-1:20
蛋白分子量 (Molecular Weight)	Calculated MW: 64 kDa; Observed MW: 64 kDa

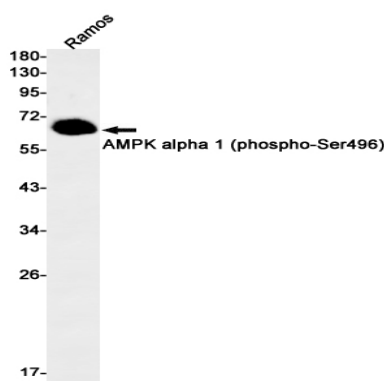
研究背景 (Background)

AMPK α 1 a protein kinase of the CAMKL family that plays a central role in regulating cellular and organismal energy balance in response to the balance between AMP/ATP, and intracellular Ca²⁺ levels.

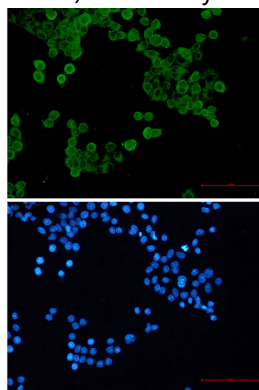
研究领域 (Research Area)

Autophagy, Wnt signaling pathway, PI3K-Akt signaling pathway

图片 (Image Data)



Western blot analysis of AMPK alpha 1 (Phospho-Ser496) in Ramos lysates using Phospho-AMPK alpha 1 (Ser496) antibody.



Immunocytochemistry analysis of AMPK alpha 1 (Phospho-Ser496) (green) in hela using AMPK alpha 1 (Phospho-Ser496) antibody, and DAPI (blue)

注意事项 (Note)

For research use only .