

产品名称: CaMKII Rabbit Monoclonal Antibody
产品货号: AMRe84600



产品概述 (Summary)

产品名称 (Production Name)	CaMKII Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,FC
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)	Purified antibody in PBS 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)	CaMKII Calcium/calmodulin dependent protein kinase II alpha; Calcium/calmodulin dependent protein kinase II beta; Calcium/calmodulin dependent protein kinase II delta; Calcium/calmodulin dependent protein kinase II gamma; CaM kinase II alpha; CaM kinase II; CaM kinase II beta; CaM kinase II delta; CaM kinase II gamma; CAMK2; Camk2a; CAMK2B; CAMK2D; CAMK2G; CAMKA;;pan CaMKII
别名 (Alternative Names)	
基因 ID (Gene ID)	
蛋白 ID (SwissProt ID)	Q9UQM7/Q13554/Q13555/Q13557.A synthesized peptide derived from human CaMKII alpha

产品应用 (Application)

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稀释比 (Dilution Ratio)

WB 1:1000-1:2000, FC 1:20-1:100

蛋白分子量 (Molecular Weight)

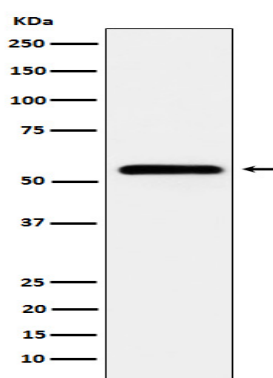
Calculated MW: 54-73 kDa ; Observed MW: 50-70 kDa

研究背景 (Background)

Calcium/calmodulin-dependent protein kinase that functions autonomously after Ca²⁺/calmodulin-binding and autophosphorylation, and is involved in various processes, such as synaptic plasticity, neurotransmitter release and long-term potentiation. Member of the NMDAR signaling complex in excitatory synapses, it regulates NMDAR-dependent potentiation of the AMPAR and therefore excitatory synaptic transmission.

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of CaMKII expression in HeLa cell lysate.

注意事项 (Note)

For research use only .