

产品名称: CAMK2G Mouse Monoclonal Antibody
产品货号: AMM81324



产品概述 (Summary)

产品名称 (Production Name)	CAMK2G Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey,Rabbit

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)	CAMK2G
别名 (Alternative Names)	CAMK; CAMKG; CAMK-II
基因 ID (Gene ID)	818.0
蛋白 ID (SwissProt ID)	Q13555 .Purified recombinant fragment of human CAMK2G (AA: 322-481) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	62.6kDa

研究背景 (Background)

The product of this gene is one of the four subunits of an enzyme which belongs to the serine/threonine protein kinase

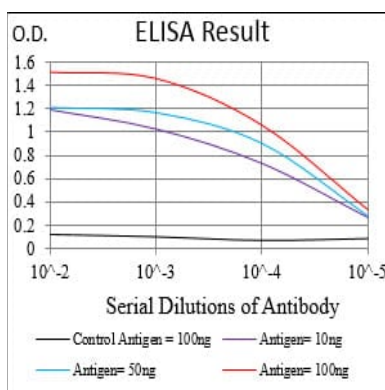
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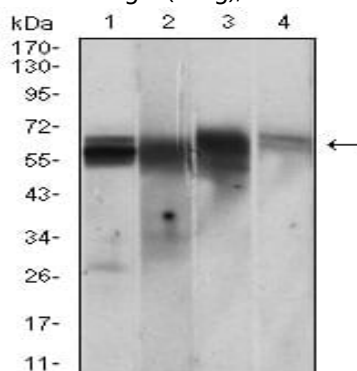
family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells the enzyme is composed of four different chains: alpha, beta, gamma, and delta. The product of this gene is a gamma chain. Many alternatively spliced transcripts encoding different isoforms have been described but the full-length nature of all the variants has not been determined.

研究领域 (Research Area)

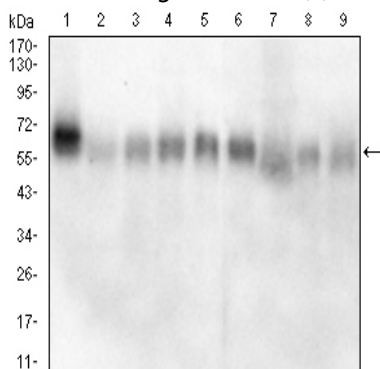
图片 (Image Data)



Black line: Control Antigen (100 ng); Purple line: Antigen(10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng);



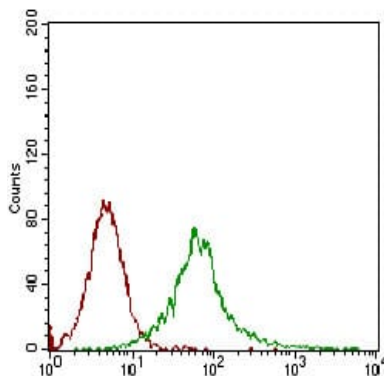
Western blot analysis using CAMK2G mouse mAb against PC-12 (1), Jurkat (2), T47D (3), HepG2 (4) cell lysate.



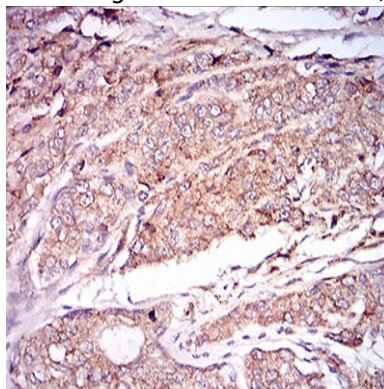
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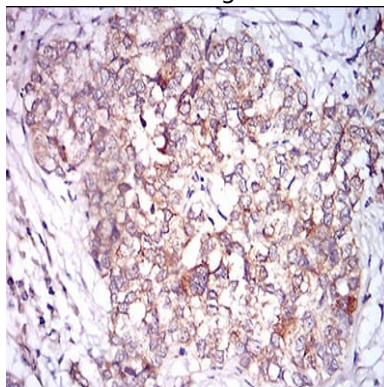
Western blot analysis using CAMK2G mouse mAb against PC-12(1)Raw264.7 (2)NIH/3T3(3) NRK (4) C2C12(5)C6(6)F9(7)COS-7(8)CHO3D10(9) cell lysate.



Flow cytometric analysis of Jurkat cells using CAMK2G mouse mAb (green) and negative control (red).

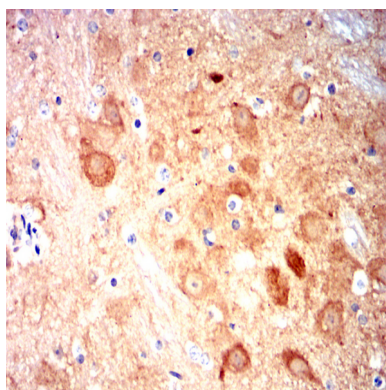


Immunohistochemical analysis of paraffin-embedded human prostate cancer tissues using CAMK2G mouse mAb with DAB staining.

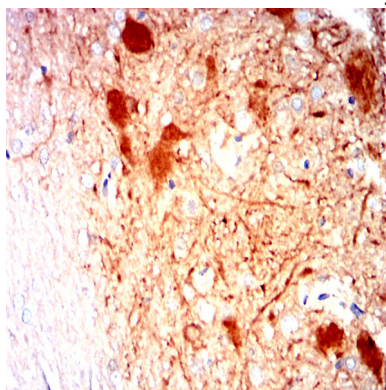


Immunohistochemical analysis of paraffin-embedded human bladder cancer tissues using CAMK2G mouse mAb with DAB staining.

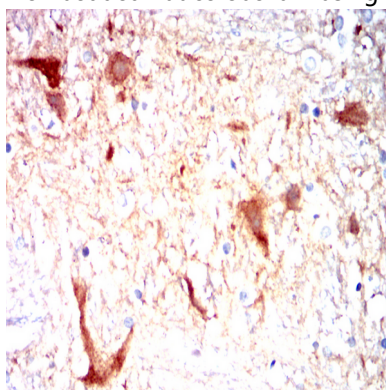
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Immunohistochemical analysis of paraffin-embedded Mouse cerebellum using CAMK2G mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rat cerebellum using CAMK2G mouse mAb with DAB staining.



Immunohistochemical analysis of paraffin-embedded Rabbit spinal cord using CAMK2G mouse mAb with DAB staining.

注意事项 (Note)

For research use only .