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CaMKII (YD14655) Rabbit mAb

货号: AYD11726

产品信息

反应	Human
宿主	Rabbit
克隆性	Monoclonal
预测反应	
应用	WB
推荐浓度	
理论分子量	54kDa
实测分子量	
形式	Liquid
保存条件	Store at -20℃. Avoid freeze / thaw cycles. Buffer: PBS with 0.75% BSA,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	Mouse brain
细胞定位	Synapse, Postsynaptic density, Cell projection, dendritic spine, dendrite
纯化	亲和纯化

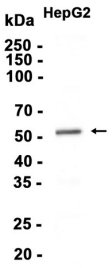
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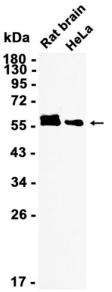
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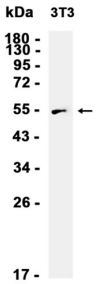
靶点信息

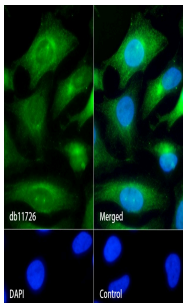
研究背景	The product of this gene belongs to the serine/threonine protein kinases family, and to the Ca(2+)/calmodulin-dependent protein kinases subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. This calcium calmodulin-dependent protein kinase is composed of four different chains: alpha, beta, gamma, and delta. The alpha chain encoded by this gene is required for hippocampal long-term potentiation (LTP) and spatial learning. In addition to its calcium-calmodulin (CaM)-dependent activity, this protein can undergo autophosphorylation, resulting in CaM-independent activity. Two transcript variants encoding distinct isoforms have been identified for this gene.
基因ID	815
基因名	CAMK2A
Swiss	Q9UQM7 (https://www.uniprot.org/uniprotkb/Q9UQM7/entry)
别名	CaMKII (YD14655),CaMKII (YD14655) Rabbit mAb,CAMK2A,CAMKA,KIAA0968，CaMKII,CaMKII Rabbit mAb，CaM kinase II alpha chain; CaM kinase II alpha subunit; CaM kinase II subunit alpha; CaMK II alpha subunit; CaMK-II subunit alpha; Camk2a; CAMKA; CaMKII; CaMKIINalpha; EC 2.7.11.17; KCC2A_HUMAN; KIAA0968; MGC123320; MGC139375; MGC155201; mKIAA0968; PK2CDD; PKCCD; R74975; zgc:112538; zgc:123320; Calcium/calmodulin-dependent protein kinase type II subunit alpha; Calcium/calmodulin-dependent protein kinase type II subunit delta; CaM kinase II subunit alpha; CaM kinase II subunit delta; CAM2; CaMK-II subunit alpha; CaMK-II subunit delta; CAMK2A; CAMK2B; CAMKA; CAMKB; CAMKD; CAMKG; CaMKII alpha; KIAA0968; Calcium / calmodulin dependent protein kinase 2 delta; Calcium / calmodulin dependent protein kinase II delta; calcium/calmodulin-dependent protein kinase (CaM kinase) II delta; calcium/calmodulin-dependent protein kinase type II delta chain; Calcium/calmodulin-dependent protein kinase type II subunit delta; CAM kinase 2 delta; CAM kinase II delta; CaM kinase II delta subunit; CaM kinase II subunit delta; CaM-kinase II delta chain; CAMK 2d; CaMK-II delta subunit; CaMK-II subunit delta; CAMK2D; CAMKD; CAMKI; KCC2D_HUMAN; RATCAMKI; CAMK gamma;

产品验证









实验步骤

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