

CaMKII α/β (Phospho Thr286) (14S12) Rabbit Monoclonal Antibody

Catalog# HZ-YMA00658

Product information

产品货号	HZ-YMA00658
别名	CAMK2A;CAMKA;KIAA0968;Calcium/calmodulin-dependent protein kinase type II subunit alpha;CaM kinase II subunit alpha;CaMK-II subunit alpha;CAMK2B;CAM2;CAMK2;CAMKB;Calcium/calmodulin-dependent protein kinase type II subunit beta;Ca
产品名称	CaMKII α/β (Phospho Thr286) (14S12) Rabbit Monoclonal Antibody
类别	抗体产品
基因名称	CAMK2A
推荐应用	WB,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Mouse,Rat
存储缓冲液	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA
Human Gene ID	815;816
Human Swissprot No.	Q9UQM7;Q13554
稀释度	WB 1:2000-1:10000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:5000-1:20000
参考分子量	54kDa
预测分子量	54kDa
运输及保存条件	Biological ice bag transportation. Store at -20°C for at least 12 months(Do not lower than -25°C). Avoid freeze/thaw cycles
宿主	Rabbit
同种型	IgG,Kappa
背景介绍	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. [provided by RefSeq, Nov 2008],
细胞定位	Cell junction, synapse . Cell junction, synapse, postsynaptic density . Cell projection, dendritic spine . Cell projection, dendrite . Postsynaptic lipid rafts. .
纯化	Protein A
Clonality	Monoclonal