

CaMKII (7H12) Rabbit Monoclonal Antibody

Catalog# UZ-MA01036

Product information

产品货号	UZ-MA01036
别名	CAMKA
产品名称	CaMKII (7H12) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IHC-P,IF-ICC,FCM,IF-P
反应种属	Human,Mouse,Rat
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic peptide of human CaMKII
稀释度	WB 1:1000-1:2000, IHC-P/IF-P 1:200-1:500, IF-ICC 1:20-1:100, FCM 1:20-1:100
参考分子量	54kDa
预测分子量	54kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
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]
纯化	Affinity Purification
Uniprot ID	Q9UQM7
Clonality	Monoclonal