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Phospho-CaMKK2 (Ser511) pAb

货号: ABY1211

产品信息

反应	Human, Mouse, Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC
推荐浓度	**WB:** 1:500-1:2000, IHC 1:50-1:200
理论分子量	65kDa
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	HeLa,SH-SY5Y,LNCaP
细胞定位	Nucleus . Cytoplasm
纯化	亲和纯化

抗原信息

抗原信息	

靶点信息

研究背景	The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. The major isoform of this gene plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade by phosphorylating the downstream kinases CaMK1 and CaMK4. Protein products of this gene also phosphorylate AMP-activated protein kinase (AMPK). This gene has its strongest expression in the brain and influences signalling cascades involved with learning and memory, neuronal differentiation and migration, neurite outgrowth, and synapse formation. Alternative splicing results in multiple transcript variants encoding distinct isoforms. The identified isoforms differ in their ability to undergo autophosphorylation and to phosphorylate downstream kinases.
基因ID	10645
基因名	CAMKK2
Swiss	Q96RR4 (https://www.uniprot.org/uniprotkb/Q96RR4/entry)
别名	Calcium/calmodulin dependent protein kinase beta; Calcium/calmodulin dependent protein kinase kinase 2; Calcium/calmodulin dependent protein kinase kinase 2 beta; Calcium/calmodulin dependent protein kinase kinase beta; Calcium/calmodulin-dependent protein kinase kinase 2; Calcium/calmodulin-dependent protein kinase kinase beta; CaM kinase kinase beta; CaM KK beta; CaM-kinase kinase 2; CaM-kinase kinase beta; CaM-KK 2; CaM-KK beta; CaMKK 2; CAMKK; CaMKK beta; CAMKK beta protein; Camkk2; CAMKKB; KKCC2_HUMAN;

产品验证

实验步骤

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