

CaMKII Rabbit pAb

货号: **AYP17514**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB
推荐浓度	WB: 1:500 - 1:2000
理论分子量	50-60kDa/72kDa
实测分子量	51kDa
形式	Liquid
保存条件	Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
偶联物	Unconjugated
阳性对照	NCI-H460,PC-12,Mouse brain
细胞定位	Cytoplasm,Cytoplasmic side,Peripheral membrane protein,Sarcoplasmic reticulum membrane,centrosome,cytoskeleton,microtubule organizing center
纯化	Affinity purification

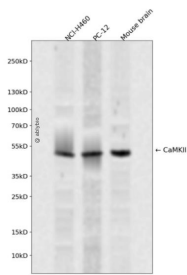
抗原信息

抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 1-300 of human CaMKII (NP_742078.1).
序列	MATTVTCTRFTDEYQLYEDIGKGFSAVVRRCVKLCTGHEYAAKIINTKKLSARDHQKLEREARICRLKHSNIVRLHDSISEE GFHYLVFDLVTGGELFEDIVAREYYSEADASHCIQQILEAVLHCHQMGGVHRDLKPENLLLASKCKGA AVKLADFLAIEVQ GDQQA WFGFAGTPGYLSPEVLRKEAYGKPVDIWACGVILYILLVGYPPFWDEDQHKLYQKIKAGAYDFPSP EWDTVTPEA KNLINQMLTINPAKRITAHEALKHPWVCQRSTVASMMHRQETVECLKKFNARRKL

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. 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 beta chain. It is possible that distinct isoforms of this chain have different cellular localizations and interact differently with calmodulin. Alternative splicing results in multiple transcript variants.
基因ID	816
基因名	CAMK2B
Swiss	Q13554
别名	CAMK2B;CAM2;CAMK2;CAMKB

产品验证



Western blot analysis of CaMKII expressed in NCI-H460, PC-12, Mouse brain using CaMKII Rabbit pAb at 1:1000. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:5000. Lysates/proteins: 30ug per lane. Blocking buffer: 5% non-fat dry milk in TBST. Detection: ECL Enhanced Kit. Exposure time: 120s.

实验步骤

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