

CAMK2G Rabbit pAb

货号: **AYP23645**

产品信息

反应	Human,Mouse,Rat
宿主	Rabbit
克隆性	Polyclonal
预测反应	
应用	WB IHC IF/ICC
推荐浓度	WB: 1:500 - 1:2000 IHC: 1:50 - 1:100 IF/ICC: 1:50 - 1:200
理论分子量	55kDa/58kDa/59kDa/60kDa/61kDa/62kDa/65kDa
实测分子量	55kDa/58kDa/59kDa/60kDa/61kDa/62kDa/65kDa
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	SMMC-7721 cells, human brain tissue
细胞定位	Cytoplasmic side,Peripheral membrane protein,Sarcoplasmic reticulum membrane
纯化	Affinity purification

抗原信息

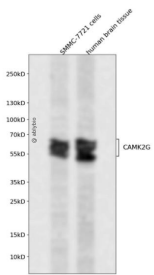
抗原信息	Recombinant fusion protein containing a sequence corresponding to amino acids 300-410 of human CAM K2G (NP_751909.1).
序列	LKGAILTTMLVSRNFSVGRQSSAPASPAASAAGLAGQAAKSLNKKSDGGVKKRKSSSSVHLMPEQTTVVHNATDGIKGSTESCNTTTEDEDLKV RKQEIIKITEQLIEAI

靶点信息

研究背景	The product of this gene is one of the four subunits of an enzyme which belongs to the serine/threonine p rotein 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 gamma chain. Many alternatively spliced transcripts encoding different isoforms have been described but the full-length nature of all the variants has not been determined.
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基因ID	818
基因名	CAMK2G
Swiss	Q13555
别名	CAMK2G; CAMK; CAMK-II; CAMKG; calcium/calmodulin dependent protein kinase II gamma

产品验证



Western blot analysis of CAMK2G expressed in SMMC-7721 cells, human brain tissue using CAMK2G 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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