

钙调蛋白激酶激酶 α 抗体 CaMKK α

产品货号： mlR11247

英文名称： CaMKK1

中文名称： 钙调蛋白激酶激酶 α 抗体 CaMKK α

别名： CaMKK α ; Calcium/calmodulin dependent protein kinase kinase alpha; CaM kinase kinase alpha; Ca²⁺/calmodulin-dependent protein kinase kinase alpha; Calcium/calmodulin dependent protein kinase kinase; Calcium/calmodulin dependent protein kinase kinase 1 alpha; Calcium/calmodulin dependent protein kinase kinase 1; Calcium/calmodulin-dependent protein kinase kinase 1; Calcium/calmodulin-dependent protein kinase kinase alpha; CaM-kinase IV kinase; CaM-kinase kinase 1; CaM-kinase kinase alpha; CaM-KK 1; CaM-KK alpha; CaMKK 1; CaMKK alpha; CAMKK alpha protein; CaMKK; Camkk1; CAMKKA; DKFZp761M0423; KKCC1_HUMAN; MGC34095; OTTMUSP00000006419.

研究领域： 神经生物学 信号转导 激酶和磷酸酶

抗体来源： Rabbit

克隆类型： Polyclonal

交叉反应： Human, Mouse, Rat, Chicken, Dog, Pig, Cow, Horse, Rabbit, Sheep,

产品应用： ELISA=1:500-1000 IHC-P=1:400-800 IHC-F=1:400-800 ICC=1:100-500 IF=1:100-500 （石蜡切片需做抗原修复）

not yet tested in other applications.

optimal dilutions/concentrations should be determined by the end user.

分子量： 56kDa

细胞定位： 细胞核 细胞浆

性状： Lyophilized or Liquid

浓 度 : 1mg/ml

免 疫 原 : KLH conjugated synthetic peptide derived from human CaMKK1:101-200/505

亚 型 : IgG

纯化方法 : affinity purified by Protein A

储 存 液 : 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.

保存条件 : Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

PubMed : PubMed

产品介绍 : The product of this gene belongs to the Serine/Threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This protein plays a role in the calcium/calmodulin-dependent (CaM) kinase cascade. Three transcript variants encoding two distinct isoforms have been identified for this gene. [provided by RefSeq, Jul 2008].

Function:

Calcium/calmodulin-dependent protein kinase that belongs to a proposed calcium-triggered signaling cascade involved in a number of cellular processes. Phosphorylates CAMK1, CAMK1D, CAMK1G and CAMK4. Involved in regulating cell apoptosis. Promotes cell survival by phosphorylating AKT1/PKB that inhibits pro-apoptotic BAD/Bcl2-antagonist of cell death.

Subunit:

Interacts with CAMK4 and calmodulin (By similarity).

Subcellular Location:

Cytoplasm. Nucleus.

Post-translational modifications:

Appears to be autophosphorylated in a Ca(2+)/calmodulin-dependent manner. Phosphorylated at multiple sites by PRCAKA/PKA. Phosphorylation of Ser-458 is blocked upon binding to Ca(2+)/calmodulin. In vitro, phosphorylated by CAMK1 and CAMK4 (By similarity).

Similarity:

Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Contains 1 protein kinase domain.

SWISS:

Q8N5S9

Gene ID:

84254

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

产品图片

