abcam

Product datasheet

Anti-CAMKK2 antibody ab124096

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概述

产品名称	Anti-CAMKK2抗体
描述	兔多克隆抗体to CAMKK2
宿主	Rabbit
经测试应用	**适用于:** WB
种属反应性	**与反应:** Mouse
免疫原	Synthetic peptide conjugated to KLH, corresponding to a region within amino acids 42-71 of Mouse CAMKK2 (NP_663333.1).
阳性对照	NIH 3T3 cell lysate

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at 4°C (up to 6 months). Store at -20°C long term.
存储溶液	Preservative: 0.09% Sodium azide Constituent: 99% PBS
纯度	Immunogen affinity purified
纯化说明	ab124096 is purified through a protein A column, followed by peptide affinity purification.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab124096于以下的经测试应用

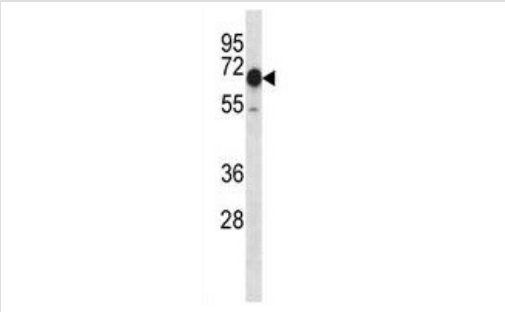
"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		1/100 - 1/500. Predicted molecular weight: 65 kDa.

靶标

功能	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade involved in a number of cellular processes. Isoform 1, isoform 2 and isoform 3 phosphorylate CAMK1 and CAMK4. Isoform 3 phosphorylates CAMK1D. Isoform 4, isoform 5 and isoform 6 lacking part of the calmodulin-binding domain are inactive. Seems to be involved in hippocampal activation of CREB1.
组织特异性	Ubiquitously expressed with higher levels in the brain. Intermediate levels are detected in spleen, prostate, thyroid and leukocytes. The lowest level is in lung.
序列相似性	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Contains 1 protein kinase domain.
结构域	The autoinhibitory domain overlaps with the calmodulin binding region and may be involved in intrasteric autoinhibition. The RP domain (arginine/proline-rich) is involved in the recognition of CAMKI and CAMK4 as substrates.
翻译后修饰	Autophosphorylated.
细胞定位	Cytoplasm.

图片



Western blot - Anti-CAMKK2 antibody (ab124096)

Anti-CAMKK2 antibody (ab124096) at 1/100 dilution + NIH 3T3 cell lysate at 35 µg

Predicted band size: 65 kDa

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