

Anti-CAMKK2 antibody - N-terminal ab70908

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概述

产品名称	Anti-CAMKK2抗体- N-terminal
描述	兔多克隆抗体to CAMKK2 - N-terminal
宿主	Rabbit
经测试应用	适用于: WB, ELISA, IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide from the N-terminal region of human CAMKK2 conjugated to KLH.
阳性对照	293 cell lysates transiently transfected with the CAMKK2 gene. Human prostate carcinoma tissue.

性能

形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	Preservative: 0.09% Sodium azide Constituent: PBS
纯度	Protein A purified
纯化说明	ab70908 is purified through a protein A column, eluted with high and low pH buffers and neutralized immediately, followed by dialysis against PBS.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用ab70908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。

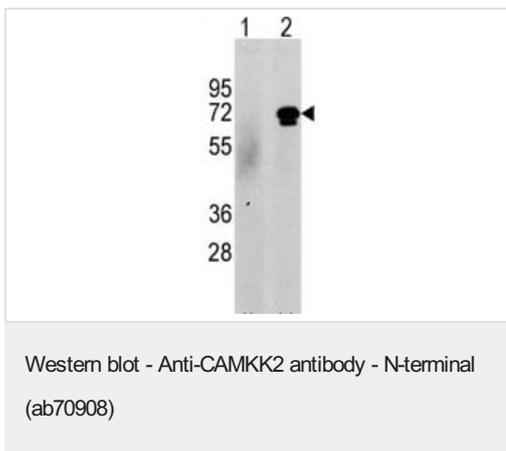
应用	Ab评论	说明
WB		1/50 - 1/100. Detects a band of approximately 72 kDa (predicted molecular weight: 65 kDa).
ELISA		1/1000.

应用	Ab评论	说明
IHC-P		1/10 - 1/50.

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 CAMK1 and CAMK4 as substrates.
翻译后修饰	Autophosphorylated.
细胞定位	Cytoplasm.

图片



All lanes : Anti-CAMKK2 antibody - N-terminal (ab70908) at 1/50 dilution

Lane 1 : Nontransfected 293 cell lysate

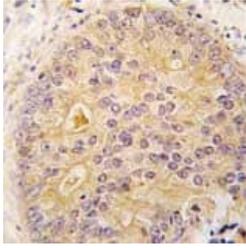
Lane 2 : 293 cell lysate transiently transfected with the CAMKK2 gene

Lysates/proteins at 2 µg per lane.

Predicted band size: 65 kDa

Observed band size: 72 kDa

Additional bands at: 70 kDa. We are unsure as to the identity of these extra bands.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CAMKK2 antibody - N-terminal (ab70908)

Formalin-fixed and paraffin-embedded human prostate carcinoma tissue labelled with ab70908 at 1/10 dilution followed by peroxidase conjugation to the secondary antibody and DAB staining.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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