


Product datasheet

Anti-CaMKK antibody, prediluted ab53902

1 图像

概述

产品名称	Anti-CaMKK抗体, prediluted
描述	兔多克隆抗体to CaMKK, prediluted
宿主	Rabbit
特异性	This antibody reacts with CaMKK alpha.
经测试应用	适用于: IHC-P
种属反应性	与反应: Human 预测可用于: Mouse, Rat 
免疫原	Synthetic peptide: GEGGKSPELPGVQEDEAAS , corresponding to amino acids 487-505 of Human CaMKK alpha, [Swiss Prot Q8N5S9] <a href="#">Run BLAST with</a> <a href="#">Run BLAST with</a>
阳性对照	Human brain tissue

性能

形式	Prediluted
存放说明	Shipped at 4°C. Store at +4°C.
存储溶液	Preservative: 0.1% Sodium Azide Constituents: 1% BSA, 50mM Tris, pH 7.6
纯度	Protein A purified
克隆	多克隆
同种型	IgG

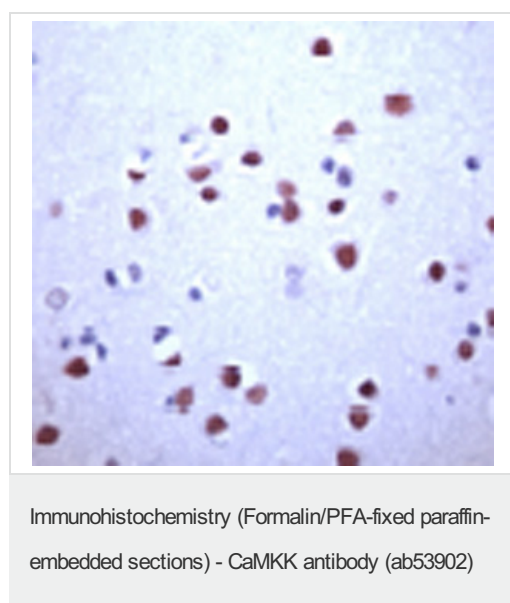
应用

Our [Abpromise guarantee](#) covers the use of **ab53902** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
IHC-P		
<b>应用说明</b>	IHC-P: Ready-to-use for 30 min at RT. Perform heat mediated antigen retrieval before commencing with IHC staining protocol.  Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.	
<b>靶标</b>		
<b>功能</b>	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.	
<b>序列相似性</b>	Belongs to the protein kinase superfamily. Ser/Thr protein kinase family. Contains 1 protein kinase domain.	
<b>结构域</b>	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.	
<b>翻译后修饰</b>	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.	
<b>细胞定位</b>	Cytoplasm. Nucleus.	

## 图片



Human brain stained with neat ab53902

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- Replacement or refund for products not performing as stated on the datasheet
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