

Anti-CAMKIV (phospho T196 + T200) antibody ab59424

★★★★★ [1 Abreviews](#) [11 References](#) [1 图像](#)

概述

产品名称	Anti-CAMKIV (phospho T196 + T200)抗体
描述	兔多克隆抗体to CAMKIV (phospho T196 + T200)
宿主	Rabbit
经测试应用	适用于: IHC-P
种属反应性	与反应: Human
免疫原	Synthetic peptide corresponding to Human CAMKIV aa 150-250 (internal sequence) (phospho T196 + T200). (M-K-TP-V-C). Database link: Q16566
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	pH: 7.40 Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride
纯度	Immunogen affinity purified
纯化说明	The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee

Abpromise™ 承诺保证使用ab59424于以下的经测试应用

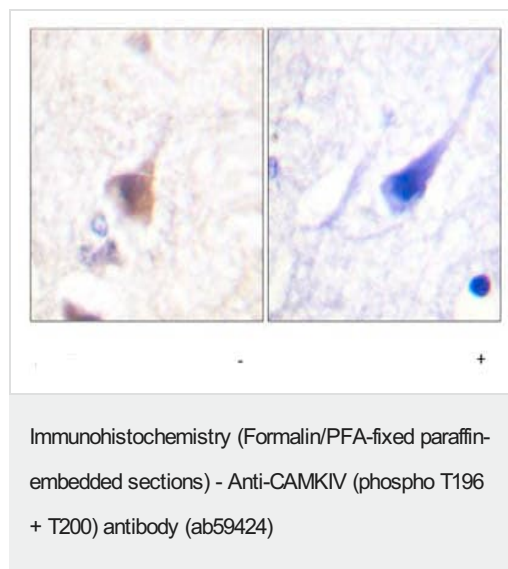
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		1/50 - 1/100.

靶标

功能	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. May be involved in transcriptional regulation. May be involved in regulation of microtubule dynamics. In vitro, phosphorylates CREB1, CREBBP, PRM2, MEF2A, MEF2D and STMN1/OP18. May be involved in spermatogenesis. May play a role in the consolidation/retention of hippocampus-dependent long-term memory.
组织特异性	Expressed in epithelial ovarian cancer tissue.
序列相似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily. Contains 1 protein kinase domain.
翻译后修饰	Autophosphorylated and phosphorylated by CAMKK1 and CAMKK2 (By similarity). Dephosphorylated by serine/threonine protein phosphatase 2A, probably on Thr-200.
细胞定位	Cytoplasm. Nucleus. Substantial localization in certain neuronal nuclei. In spermatids associated with chromatin and nuclear matrix.

图片



ab59424, at a 1/50 dilution, staining paraffin embedded human brain tissue sections by Immunohistochemistry in the absence (left image) or presence (right image) of the phosphopeptide.

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