



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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# Anti-CaMKIV Antibody (PThr200)

Rabbit Anti-Human CaMKIV (pThr200) Polyclonal  
Catalog No. SPC-932



Discovery through partnership | Excellence through quality

## Overview

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### Product Name

CaMKIV Antibody (pThr200)

### Description

Rabbit Anti-Human CaMKIV (pThr200) Polyclonal

### Species Reactivity

Human

### Applications

WB, AM

### Antibody Dilution

WB (1:250); optimal dilutions for assays should be determined by the user.

### Host Species

Rabbit

### Immunogen Species

Human

### Immunogen

A phospho-specific peptide corresponding to residues surrounding Thr200 of human CaMKIV (AA197-203)

### Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

## Properties

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### Storage Buffer

PBS pH7.4, 50% glycerol, 0.025% Thimerosal

### Storage Temperature

-20°C

### Shipping Temperature

Blue Ice or 4°C

### Purification

Peptide Affinity Purified

### Clonality

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Polyclonal

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### Specificity

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Detects 51.926 kDa.

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### Cite This Product

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Rabbit Anti-Human CaMKIV (pThr200) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-932)

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### Certificate Of Analysis

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A 1:250 dilution of SPC-932 was sufficient for detection of CaMKIV (pThr200) in 10 µg of HeLa cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

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## Biological Description

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### Alternative Names

Brain Ca<sup>++</sup>-calmodulin dependent protein kinase type IV Antibody, Calcium / calmodulin dependent protein kinase type 4 catalytic chain Antibody, Calcium/calmodulin dependent protein kinase IV Antibody, CAM kinase 4 Antibody, CAM kinase GR Antibody, CAM kinase IV Antibody, CaMK IV Antibody, KCC4\_HUMAN Antibody

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### Cellular Localization

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Cytoplasm, Nucleus

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### Accession Number

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NP\_001735

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### Gene ID

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814

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### Swiss Prot

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Q16566

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### Scientific Background

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CAMKIV is a calcium/calmodulin-dependent protein-serine/threonine kinase. It is implicated in immune response, inflammation, memory consolidation, positive selection of T lymphocytes, cytokine production, regulation in neurons and male germ cells, survival and differentiation of osteoblasts and dendritic cells. It regulates many transcription activators such as CREB1, and JUN. It can also activate MAPK pathway through phosphorylation of ELK1 and ATF2.

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## Product Images

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Currently there are no images for this product

### Product Citations (0)

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Currently there are no citations for this product.

## Reviews

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There are no reviews yet.