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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-CaMKI Antibody (PThr177)

Rabbit Anti-Human CaMKI (pThr177) Polyclonal
Catalog No. SPC-930



Discovery through partnership | Excellence through quality

Overview

Product Name

CaMKI Antibody (pThr177)

Description

Rabbit Anti-Human CaMKI (pThr177) 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 Thr177 of human CaMK1 (AA174-180)

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

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

Polyclonal

Specificity

Detects 41.337 kDa.

Cite This Product

Rabbit Anti-Human CaMKI (pThr177) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-930)

Certificate Of Analysis

A 1:250 dilution of SPC-930 was sufficient for detection of CaMKI (pThr177) in 10 µg of human brain lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

Calcium / calmodulin dependent protein kinase type 1 Antibody, CaM K1 Antibody, CaM kinase 1 alpha Antibody, CaM-KI Antibody, CaMK1 alpha Antibody, CaMKI-alpha Antibody, KCC1A_HUMAN Antibody

Cellular Localization

Cytoplasm, Nucleus

Accession Number

NP_003647

Gene ID

8536

Swiss Prot

Q14012

Scientific Background

Calcium / calmodulin-dependent kinases (CaMKs) are a subfamily of the serine/threonine protein kinase family that includes CaMKI, CaMKII, and CaMKIV. There have been identified multiple substrates for CaMKI, including synapsin 1, synapsin 2, CREB, and CFTR, and its activation is dependent upon phosphorylation of Thr 177 by CaMK kinase (CaMKK). Studies suggest that CaMKI plays an important role in retinal function and its expression is regulated by light stimulation.

Product Images

Currently there are no images for this product

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.