

Product datasheet

Anti-CaMKII delta antibody ab90445

画像数 1

製品の概要

製品名	Anti-CaMKII delta antibody
製品の詳細	Rabbit polyclonal to CaMKII delta
由来種	Rabbit
特異性	ab90445 detects proteins of 50-60 kDa, corresponding to the apparent molecular mass of CaMKII isoforms on SDS-PAGE immunoblots. Recombinant rat calmodulin-dependent protein kinase II alpha subunits expressed in sf9 insect cells are also detected. As the sequences of the rat alpha, delta and gamma isoforms are conserved over this amino terminus region, this antibody is expected to recognize the alpha, delta and gamma isoforms. This antibody is not expected to crossreact with the beta isoform. Proteins of unknown identity, ~40, 45 and 90 kDa, may be detected on immunoblot analysis with some lysates.
アプリケーション	適用あり: WB
種交差性	交差種: Mouse, Rat, Rabbit, Chicken, Guinea pig, Hamster, Cow, Human
免疫原	Synthetic peptide derived from the N-terminus of rat CaMKII delta isoform, coupled to KLH
ポジティブ・コントロール	Mouse brain, Rat brain, HeLa or Hs-67 cytoplasmic lysate

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	Preservative: None Constituents: 75mM Sodium chloride, 5mM EDTA, 25mM Sodium borate, 100mM Boric Acid
精製度	Immunogen affinity purified
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

アプリケーション

Our [Abpromise guarantee](#) covers the use of **ab90445** in the following tested applications.

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

WB

追加情報

WB (Colorimetric): 1/1000. Predicted molecular weight: 56 kDa.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

ターゲット情報

機能

CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release.

組織特異性

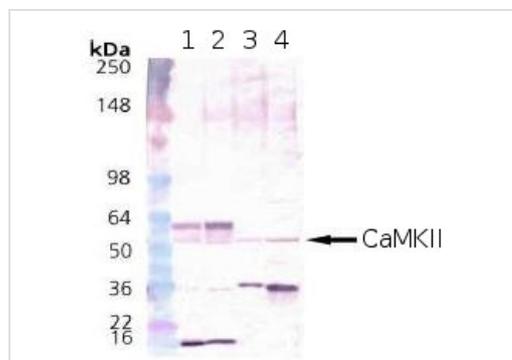
Expressed in cardiac muscle and skeletal muscle. Isoform Delta 3, isoform Delta 2, isoform Delta 8 and isoform Delta 9 are expressed in cardiac muscle. Isoform Delta 11 is expressed in skeletal muscle.

配列類似性

Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily.

Contains 1 protein kinase domain.

画像



Western blot - Anti-CaMKII delta antibody (ab90445)

All lanes : Anti-CaMKII delta antibody (ab90445) at 1/1000 dilution

Lane 1 : Mouse brain extract

Lane 2 : Rat brain extract

Lane 3 : HeLa cell lysate

Lane 4 : Hs-67 cell lysate

Predicted band size: 56 kDa

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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