

Product datasheet

Anti-CAMK1D antibody ab95178

画像数 2

製品の概要

製品名	Anti-CAMK1D antibody
製品の詳細	Rabbit polyclonal to CAMK1D
由来種	Rabbit
アプリケーション	適用あり: WB, IP
種交差性	交差種: Human 交差が予測される動物種: Chimpanzee, Rhesus monkey, Gorilla, Orangutan 
免疫原	Immunogen corresponds to a region between residue 335 and 385 (VSSSLSLASQ KDCLAPSTLC SFISSSSGVS GVGAERRPRP TTVTAVHSGS K), of Human CAMKD1 (NP_705718.1) Run BLAST with ExPASy Run BLAST with NCBI
ポジティブ・コントロール	HeLa and 293T whole cell lysates

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: 0.09% Sodium Azide Constituents: Tris citrate/phosphate, pH 7-8
精製度	Immunogen affinity purified
特記事項(精製)	ab95178 was affinity purified using an epitope specific to CAMK1D immobilized on solid support.
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 **ab95178** in the following tested applications.

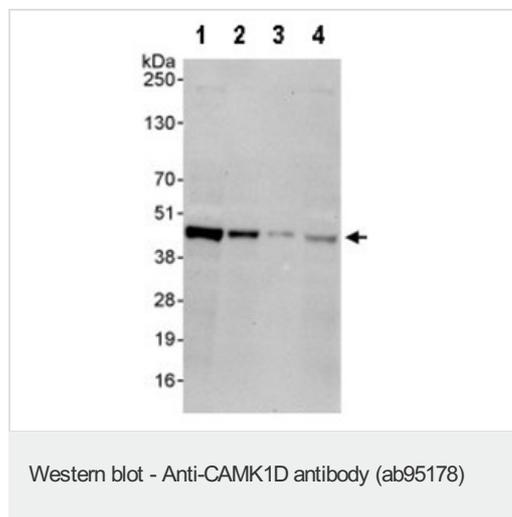
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

アプリケーション	Abreviews	特記事項
WB		1/2000 - 1/10000. Predicted molecular weight: 43 kDa.
IP		Use at 2-5 µg/mg of lysate.

ターゲット情報

機能	Calcium/calmodulin-dependent protein kinase belonging to a proposed calcium-triggered signaling cascade. May regulate calcium-mediated granulocyte function. May play a role in apoptosis of erythroleukemia cells. Activates MAP kinase MAPK3 (By similarity). In vitro, phosphorylates transcription factor CREM isoform Beta and probably CREB1.
組織特異性	Broadly expressed. Highly and mostly expressed in polymorphonuclear leukocytes (neutrophilic and eosinophilic granulocytes) while little or no expression is observed in monocytes and lymphocytes.
配列類似性	Belongs to the protein kinase superfamily. CAMK Ser/Thr protein kinase family. CaMK subfamily. Contains 1 protein kinase domain.
ドメイン	The autoinhibitory domain overlaps with the calmodulin binding region and interacts in the inactive folded state with the catalytic domain as a pseudosubstrate.
細胞内局在	Cytoplasm. Nucleus. Predominantly cytoplasmic (Probable). Also nuclear upon activation.

画像



All lanes : Anti-CAMK1D antibody (ab95178)
at 0.1 µg/ml

Lane 1 : HeLa whole cell lysate at 50 µg

Lane 2 : HeLa whole cell lysate at 15 µg

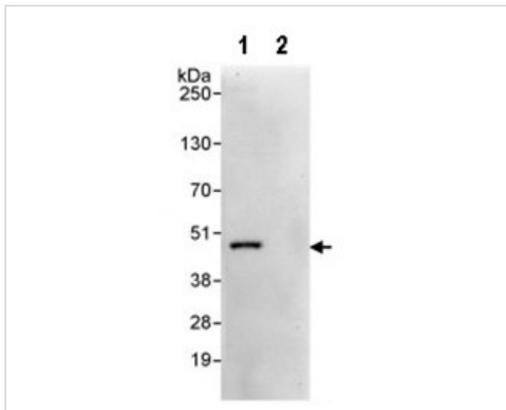
Lane 3 : HeLa whole cell lysate at 5 µg

Lane 4 : 293T whole cell lysate at 50 µg

Developed using the ECL technique.

Predicted band size: 43 kDa

Exposure time: 30 seconds



Immunoprecipitation - Anti-CAMK1D antibody
(ab95178)

Lane 1: 3 μ g/ml ab95178 were used to immunoprecipitate CAMK1D from 1mg HeLa whole cell lysate. 20% IP was loaded and probed with 1 μ g/ml ab95178.

Lane 2: same, using a control IgG.

Detection: chemiluminescence with exposure time of 30 seconds.

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