

Datasheet for ABIN4998982

anti-CAMK4 antibody (pThr196, pThr200) (AbBy Fluor® 750)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	CAMK4
Binding Specificity:	pThr196, pThr200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CAMK4 antibody is conjugated to AbBy Fluor® 750
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from mouse CAMKIV around the phosphorylation site of Thr196 + Thr200.
Isotype:	IgG
Specificity:	Phosphorylation site corresponds to Thr200 and Thr204 in human.
Predicted Reactivity:	Human, Mouse, Rat, Dog, Cow, Pig
Purification:	Purified by Protein A.

Target Details

Target:	CAMK4
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Target Details

Alternative Name:	CAMK4 (CAMK4 Products)
Background:	Synonyms: CAMKIVphospho T196 + T200, Brain Ca²⁺ calmodulin dependent protein kinase type 4, Brain Ca²⁺ calmodulin dependent protein kinase type IV, Calcium / calmodulin dependent protein kinase type 4 catalytic chain, Calcium / calmodulin dependent protein kinase type IV catalytic chain, Calcium/calmodulin dependent protein kinase IV, Calcium/calmodulin dependent protein kinase type IV, CAM kinase 4, CAM kinase GR, CAM kinase IV, CaMK 4, CAMK GR, CaMK IV, CaMK4, CaMKGR, MGC36771. Background: Ca²⁺/calmodulin dependent protein kinase type IV (CAMKIV) belongs to the serine/threonine protein kinase family, and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. This enzyme is a multifunctional serine/threonine protein kinase with limited tissue distribution, that has been implicated in transcriptional regulation in lymphocytes, neurons and male germ cells.
UniProt:	P08414
Pathways:	EGFR Signaling Pathway , Neurotrophin Signaling Pathway , Production of Molecular Mediator of Immune Response , G-protein mediated Events , Interaction of EGFR with phospholipase C-gamma

Application Details

Application Notes:	IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months