

CaMK2 (Phospho-Tyr230) Antibody FITC Conjugated

Catalog No: #C04470F

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Description

Product Name	CaMK2 (Phospho-Tyr230) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B B
Immunogen Description	KLH conjugated synthetic phosphopeptide aa 210-250 666 derived from human CaMK2 alpha around the phosphorylation site of Tyr230
Conjugates	FITC
Target Name	CaMK2 Tyr231
Other Names	CAMKA; Calcium calmodulin-dependent protein kinase type II subunit alpha; CaM kinase II subunit alpha; CaMK-II subunit alpha; CAMK2A; KIAA0968
Accession No.	Swiss-Prot#Q9UQM7NCBI Gene ID815
Uniprot	Q9UQM7
GeneID	815;
Excitation Emission	494nm 518nm
Cell Localization	Helical
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200B

Background

CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release. Member of the NMDAR signaling complex in excitatory synapses it may regulate NMDAR-dependent potentiation of the AMPAR and synaptic plasticity (By similarity).

Note: This product is for in vitro research use only