



CAMK2A Antibody, HRP conjugated

Product Code	CSB-PA892176HB11HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9UQM7
Immunogen	Recombinant Human Calcium/calmodulin-dependent protein kinase type II subunit alpha protein (321-478AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA
Relevance	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). Phosphorylates transcription factor FOXO3 on 'Ser-298' (PubMed:23805378). Activates FOXO3 transcriptional activity (By similarity).
Form	Liquid
Conjugate	HRP
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Purification Method	>95%, Protein G purified
Isotype	IgG
Clonality	Polyclonal
Alias	Calcium/calmodulin-dependent protein kinase type II subunit alpha (CaM kinase II subunit alpha) (CaMK-II subunit alpha) (EC 2.7.11.17), CAMK2A, CAMKA KIAA0968
Immunogen Species	Homo sapiens (Human)
Research Area	Signal Transduction
Target Names	CAMK2A