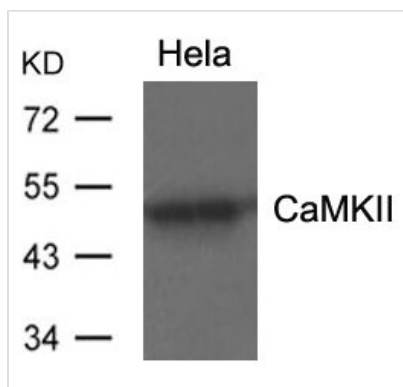


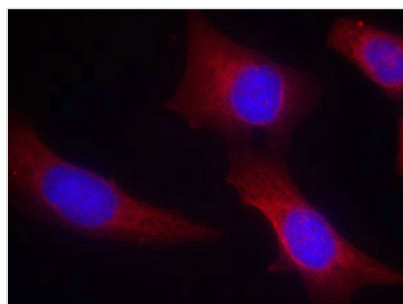


CAMK2A (Ab-286) Antibody

Product Code	CSB-PA792470
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q9UQM7
Immunogen	Peptide sequence around aa.284~288 (Q-E-T-V-D) derived from Human CaMKII.
Raised In	Rabbit
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total CaMKII protein.
Tested Applications	ELISA,WB,IF;WB:1:500-1:1000,IF:1:100-1:200
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 J Bossuyt, K Helmstadter, X Wu, et al. (2008) Ca²⁺/Calmodulin-Dependent Protein Kinase II {delta} and Protein Kinase D Overexpression Reinforce - Circulation Research, 102(6):695-702. This article references the use of the #21279.
Form	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification Method	Antibodies were produced by immunizing rabbits with synthetic peptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific peptide.
Clonality	Polyclonal
Alias	CAMKA
Product Type	Polyclonal Antibody
Species	Homo sapiens (Human)
Target Names	CAMK2A
Image	



Western blot analysis of extracts from HeLa using CaMKII(Ab-286) Antibody.



Immunofluorescence staining of paraffin-embedded human hippocampal region tissue from the falling sickness disease using CaMKII(Ab-286) Antibody.