

Product Datasheet

CaMKII Antibody



Catalog No: CY9976

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB FC

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Information

UniProt ID: Q9UQM7/Q13554/Q13555/Q13557

All Names: Calcium/calmodulin dependent protein kinase II alpha; Calcium/calmodulin dependent protein kinase II beta; Calcium/calmodulin dependent protein kinase II delta; Calcium/calmodulin dependent protein kinase II gamma; CaM kinase II alpha; CaM kinase II; CaM kinase II beta; CaM kinase II delta; CaM kinase II gamma; CAMK2; Camk2a; CAMK2B; CAMK2D; CAMK2G; CAMKA;

Form: Liquid

Storage instructions: Store at +4° C short term. Store at -20° C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 50-70 kDa

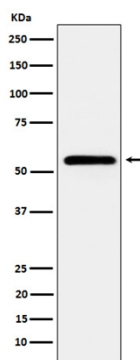
Application

WB 1:500~1:2000

FC 1:50

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.



Western blot analysis of CaMKII expression in HeLa cell lysate.

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