

Product Datasheet

CaMKII alpha (5D9) Mouse mAb

Catalog No: AB3415

Reactivity: Human, Mouse

Isotype: Mouse IgG1

Applications: WB



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Information

UniProt ID: Q9UQM7

All Names: CAMKA;CAMK2A.

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

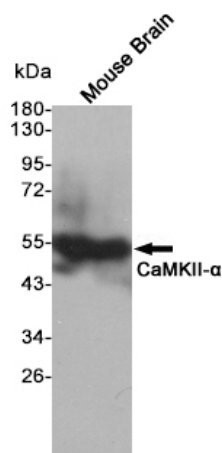
Molecular Wt.: 50kDa

Application

WB 1:500-1:1000

Background

Swiss-Prot Acc.Q9UQM7.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 detection of CaMKII-α in Mouse Brain lysates using CaMKII-α mouse mAb(dilution 1:1000).Predicted band size:50kDa.Observed band size:50kDa.

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