
Product Name: RAT Camk2a Mouse Monoclonal Antibody**Catalog #: AMM85925**

For research use only.

Summary

Description	Mouse monoclonal Antibody
Host	Mouse
Application	WB
Reactivity	Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Mouse IgM
Clonality	Monoclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in PBS with 0.05% sodium azide.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:1000-1:8000
Molecular Weight	54.1kDa

Antigen Information

Gene Name	RAT Camk2a
Alternative Names	Calcium/calmodulin-dependent protein kinase type II subunit alpha, CaM kinase II subunit alpha, CaMK-II subunit alpha, Camk2a
Gene ID	25400.0
SwissProt ID	P11275
Immunogen	Purified His-tagged Camk2a protein(Fragment) was used to produced this monoclonal antibody.

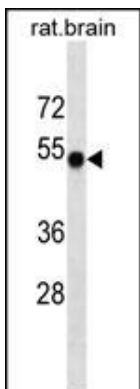
Background

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).

Research Area

Image Data



RAT Camk2a Antibody western blot analysis in rat brain tissue lysates (35µg/lane). This demonstrates the Camk2a antibody detected the Camk2a protein (arrow).