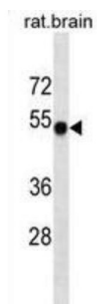


RAT Camk2a Antibody

Catalogue No.: abx025374



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). This antibody is supplied as crude ascites.

Target: Camk2a

Clonality: Monoclonal

Reactivity: Rat

Tested Applications: ELISA, WB

Host: Mouse

Recommended dilutions: WB: 1/1000 - 1/8000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified His-tagged Rat Camk2a protein (Fragment)

Isotype: IgM

Form: Liquid

Purification: Unpurified crude ascites.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: P11275 ([UniProt](#), [ExPASy](#))

KEGG: rno:25400

Datasheet

Version: 2.0.0

Revision date: 09 Sep 2025



String: [10116.ENSRNOP00000041940](#)

Molecular Weight: Calculated MW: 54.1 kDa

Buffer: Ascites containing 0.09% sodium azide.

Specificity: Predicted to react with Mouse Camk2a.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only