

# CAMK2A Antibody, HRP conjugated



PACO64180

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## Product Information

**Size:**

50ul

**Reactivity:**

Human

**Source:**

Rabbit

**Isotype:**

IgG

**Applications:**

ELISA

**Recommended dilutions:****Protein 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. Phosphorylates transcription factor FOXO3 on 'Ser-298'. Activates FOXO3 transcriptional activity.

**Gene ID:**

CAMK2A

**Uniprot**

Q9UQM7

**Synonyms:**

Calcium/calmodulin-dependent protein kinase type II subunit alpha (CaM kinase II subunit alpha) (CaMK-II subunit alpha) (EC 2.7.11.17), CAMK2A, CAMKA KIAA0968

**Immunogen:**

Recombinant Human Calcium/calmodulin-dependent protein kinase type II subunit &alpha; protein (321-478AA).

**Storage:**

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

## Product Images

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N/A

N/A