CaMKII Rabbit mAb

E45R12901N

Catalog Number:E45R12901N

Host Species: Rabbit

Isotype: IgG

Purification: Affinity purification

Applications:WB (Homo sapiens)

Species Reactivity: Human, Mouse, Rat

Immunogen Description:A synthesized peptide derived from human CaMKII

NCBI Gene ID:816

Storage: Store at 4°C short term. For long-term storage, aliquot and store at -20°C or below. Stable for 12 months at -20°C. Avoid repeated freeze-thaw cycles.

Cite ID#:EN5520147

Type: Monoclonal Antibodies

Positive control: Mouse brain, Rat brain, C6, SH-SY5Y, U-251MG

Swiss-Prot No.:Q13554

Summary: The product of this gene belongs to the serine/threonine protein kinase family and to the Ca(2+)/calmodulin-dependent protein kinase subfamily. Calcium signaling is crucial for several aspects of plasticity at glutamatergic synapses. In mammalian cells, the enzyme is composed of four different chains: alpha, beta, gamma, and delta. The product of this gene is a beta chain. It is possible that distinct isoforms of this chain have different cellular localizations and interact differently with calmodulin. Alternative splicing results in multiple transcript variants. [provided by RefSeq, May 2014]

Form: Liquid

Storage Buffer: Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

Dilution:WB 1:500 - 1:2000 IHC 1:50 - 1:200

Alternname:CAM2; CAMK2; CAMKB

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