

CaMKII polyclonal antibody

Catalog: BZ16536

Host: Rabbit

Reactivity: Human, Mouse, Rat

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.

Product:

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Molecular Weight:

Calculated MW: 73 kDa; Observed MW: 45,60 kDa

Swiss-Prot:

Q13554

Purification&Purity:

Affinity Purified

Applications:

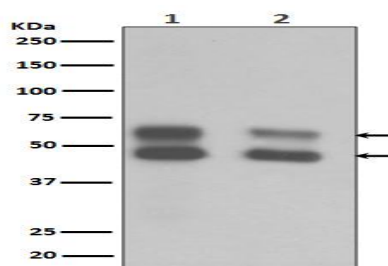
WB: 1/500-1/1000 IHC: 1/50-1/100 IF: 1/50-1/200

Storage&Stability:

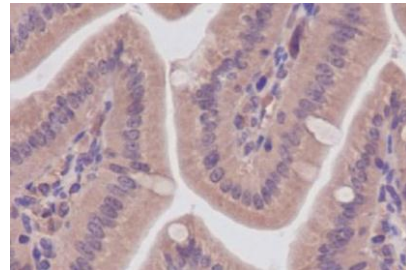
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Isotype:

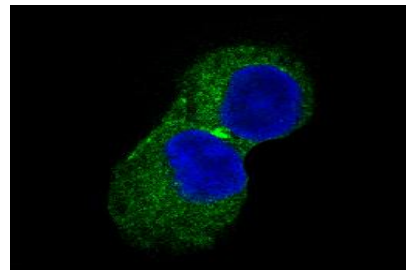
IgG

DATA:

Western blot analysis of CaMKII in mouse brain lysates ;Rat brain lysates using CaMKII antibody.



Western blot analysis of CaMKII in SH-SY5Y, rat Brain, 3T3 and mouse Spleen lysates using CaMKII antibody.



Immunohistochemistry analysis of paraffin-embedded mouse colon, using CaMKII antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Immunofluorescent analysis of CaMKII in PC-12 using CaMKII antibody.

Note:

For research use only, not for use in diagnostic procedure.

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