

CaMKII beta polyclonal antibody

Catalog: BZ16921

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, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 60 kDa

Swiss-Prot:

Q13554

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

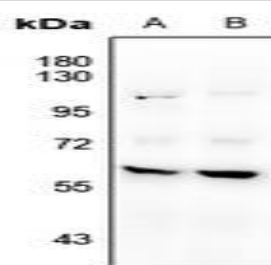
WB: 1/500-1/1000

Storage&Stability:

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

Specificity:

CaMKII beta Polyclonal Antibody detects endogenous levels of CaMKII beta protein.

DATA:

Western blot analysis of CaMK2 beta expression in mouse brain (A), rat brain (B) whole cell lysates.

Note:

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

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