

Phospho-CaMKII (Thr305) polyclonal antibody

Catalog: BZ16113	Host: Rabbit	Reactivity: Hu- man, Mouse, Rat, Bovine, Chicken, Pig, Zebrafish
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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:

~ 50 kDa

Swiss-Prot:

Q9UQM7/Q13554/Q13557

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 IHC: 1/50-1/100

Storage&Stability:

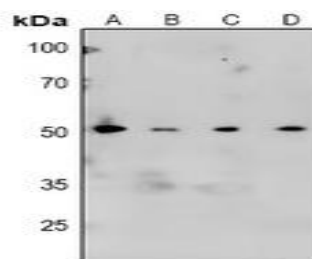
Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

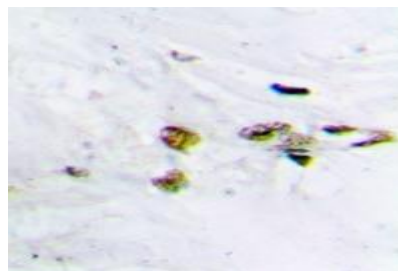
Phospho-CaMKII (Thr305) polyclonal antibody detects endogenous levels of CaMKII protein only when phos-

phorylated at Thr305.

DATA:



Western blot analysis of Phospho-CaMKII (Thr305) expression in HEK293T (A), U87MG (B), A549 (C), rat brain (D) whole cell lysates.



Immunohistochemical analysis of Phospho-CaMKII (Thr305) staining in human brain formalin fixed paraffin embedded tissue section.

Note:

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

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