

Rabbit CAMK2 / CAMKII Polyclonal Antibody | anti-CAMK2 antibody

Rabbit Polyclonal to Rat CAMK2 / CAMKII

CATALOG # AAA50894	HOST Rabbit	REACTIVITY Xenopus, Human, Mouse, Rat	APPLICATIONS Western Blot, Immunohistochemistry
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PRODUCT SYNONYMS

CAMK2 / CAMKII; Polyclonal Antibody; Rabbit Polyclonal to Rat CAMK2 / CAMKII; Anti-CAMK2 / CAMKII Antibody (phospho-Thr286) IHC-plus; Rat CAMK2; CAMKII; anti-CAMK2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Xenopus, Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Specific for the ~50k a-CaM Kinase II and the ~60k R-CaM Kinase II proteins phosphorylated at Thr286. Immunolabeling is blocked by the X-phosphatase treatment
Purity/Purification	Immunoaffinity Purified
Form/Format	10 mM HEPES (pH 7.5), 150 mM NaCl, 100 ug per ml BSA, 50% glycerol
Applicable Applications for anti-CAMK2 antibody	WB (Western Blot), IHC (Immunohistochemistry)
Target Species	Rat
Immunogen Description	Phosphopeptide corresponding to amino acid residues surrounding the phosphoThr286 found in rat brain CaM Kinase II.
Immunogen	CAMK2 / CAMKII antibody was raised against phosphopeptide corresponding to amino acid residues surrounding the phosphoThr286 found in rat brain CaM Kinase II.
Antigen Modification	pThr286
Preparation and Storage	+4 degree C or -20 degree C, Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)

Western blot of rat brain lysate showing specific immunolabeling of the ~50k a- and the ~60k b-CaM Kinase II phosphorylated at Thr286 (Control). The phosphospecificity of this labeling is shown in the second lane (lambda-phosphatase: I-Ptase). The blot is identical to the control except that it was incubated in I-Ptase (1200 units for 30 min) before being exposed to the Anti-Thr286 CaM Kinase II. The immunolabeling is completely eliminated by treatment with I-Ptase.



IHC (Immunohistochemistry)

Anti-CAMK2 antibody IHC of human brain, cortex. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody dilution 1:200.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.