Anti-CaMKII beta Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P012569

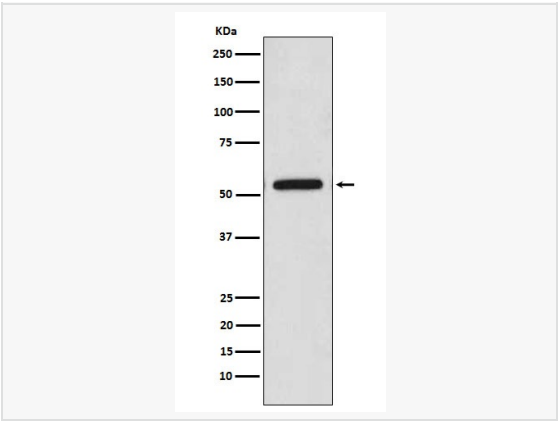
Product Information

Application	WB, IHC-P/IF (Tissue-P), ICC/IF (Cell), FC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:1,000; IHC-P 1:50~1:100; IF 1:50~1:200; FC 1:50~1:100
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthesized peptide derived from human CaMKII
Format	Buffer System: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Purification: Affinity Chromatography
Storage	Shipped on wet ice. Store at -20℃. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20℃ storage.
Precautions	Anti-CaMKII beta antibody is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	CAMK2B, CAM2, CAMK2, CAMKB, Calcium/calmodulin-dependent protein kinase type II subunit beta, CaM kinase II subunit beta, CaMK-II subunit beta, CAMK, CAMK-II.
Calculated MW	Calculated MW: 73 kDa; Observed MW: 54 kDa
Uniprot ID	Q13554
Gene ID	816
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.

Validation Images



Western blot analysis of CaMKII in HeLa lysates using CaMKII beta antibody.