10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

pan CaMKII Ab

Rabbit mAb
Catalog # AP90375

Product Information

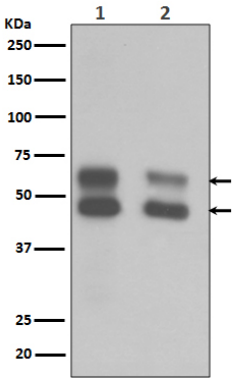
Application	WB, IHC, IF, ICC, IHF
Primary Accession	Q9UQM7/Q13554/Q13555/Q13557
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Other Names	CAMK2; Camk2a; CAMK2B; CAMK2D; CAMK2G; CAMKA;
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	45 KDa

Additional Information

Dilution	WB 1:500~1:2000 IHC 1:50~1:200 ICC/IF 1:50~1:200
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human CaMKII
Description	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.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Protein Information

Images



Western blot analysis of CaMKII expression in (1)Mouse brain tissue lysate ;(2)Rat brain tissue lysate.

Image not found : 202311/AP90375-IHC.jpg	Immunohistochemical analysis of paraffin-embedded mouse colon, using CaMKII Antibody.
Image not found : 202311/AP90375-IF.jpg	Immunofluorescent analysis of PC-12 cells, using CaMKII Antibody .

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.