

CaMKII Rabbit mAb

Catalog No: #56418



Package Size: #56418-1 50ul #56418-2 100ul

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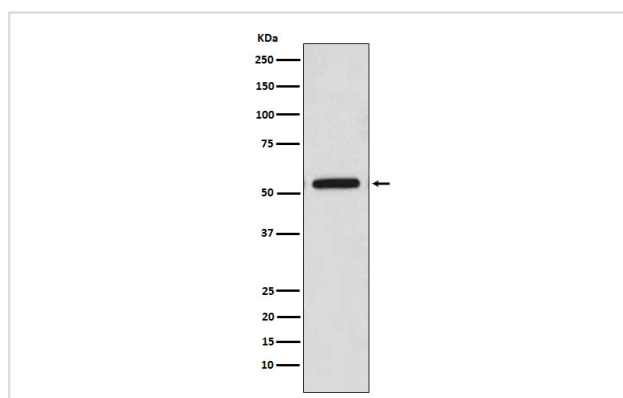
Description

Product Name	CaMKII Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Purification	Affinity-chromatography
Applications	WB IHC ICC/IF FC
Species Reactivity	Human;Mouse;Rat
Specificity	CaMKII Antibody detects endogenous levels of total CaMKII
Immunogen Description	A synthesized peptide derived from human CaMKII
Conjugates	Unconjugated
Other Names	CAMK2; Camk2a; CAMK2B; CAMK2D; CAMK2G; CAMKA;
Accession No.	Uniprot:Q9UQM7/Q13554/Q13555/Q13557
Calculated MW	54kDa
Formulation	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Application Details

WB:1:500~1:2000IHC:1:50~1:200ICC/IF:1:50~1:200FC:1:100

Images



Western blot analysis of CaMKII expression in HeLa cell lysate.

Product 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.

Published Papers

Wu, S;Li, X;Guan, F;Feng, J;Jia, J;Li, J;Liu, L et al., [Enhanced endoplasmic reticulum RyR1 receptor phosphorylation leads to diaphragmatic dysfunction in septic rats]., , (2023)

[PMID:37202200](#)

Note: This product is for in vitro research use only and is not intended for use in humans or animals.