

CaMKII Antibody
Rabbit mAb
Catalog # AP92708**Specification**

CaMKII Antibody - Product Information

Application	WB, FC
Primary Accession	O9UQM7/O13554/O13555/O13557
Reactivity	Rat
Clonality	Monoclonal

Other Names

Calcium/calmodulin dependent protein kinase II alpha; Calcium/calmodulin dependent protein kinase II beta; Calcium/calmodulin dependent protein kinase II delta; Calcium/calmodulin dependent protein kinase II gamma; CaM kinase II alpha; CaM kinase II; CaM kinase II beta; CaM kinase II delta; CaM kinase II gamma; CAMK2; Camk2a; CAMK2B; CAMK2D; CAMK2G; CAMKA;

Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	50-70 kDa KDa

CaMKII Antibody - Additional Information

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.

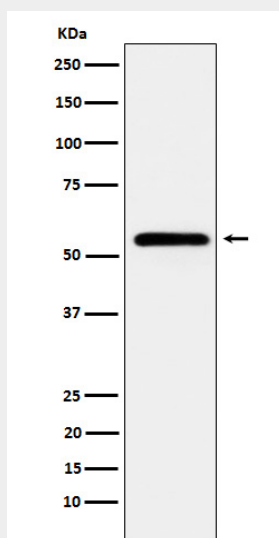
CaMKII Antibody - Protein Information**CaMKII Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)

- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

CaMKII Antibody - Images



Western blot analysis of CaMKII expression in HeLa cell lysate.