

## anti- CAMK2 antibody

### Product Information

Catalog No.:	FNab01228
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

CaM-kinase II (CAMK2) is a prominent kinase in the central nervous system that may function in long-term potentiation and neurotransmitter release. It is a member of the NMDAR signaling complex in excitatory synapses it may regulate NMDAR-dependent potentiation of the AMPAR and synaptic plasticity. This antibody can recognize all the members of CAMK2 family.

### Immunogen information

Immunogen:	calcium/calmodulin-dependent protein kinase II alpha
Synonyms:	CaM kinase II subunit alpha, CaMK II subunit alpha, CAMK2, CAMK2A, CAMK2B, CAMK2D, CAMK2G, CAMKA, CaMKII alpha, KIAA0968
Observed MW:	50 kDa, 60 kDa
Uniprot ID :	Q9UQM7

### Application

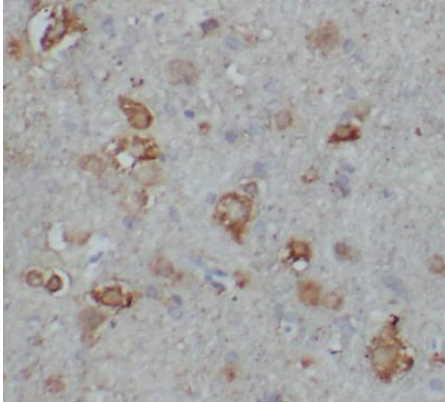
Reactivity:	Human, Mouse, Rat
Tested Application:	ELISA, WB, IHC

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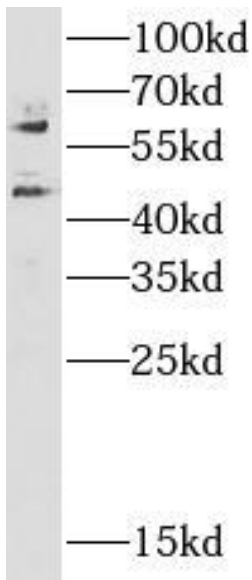
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Recommended dilution: WB: 1:500 - 1:2000; IHC: 1:50 - 1:500

Image:



Immunohistochemistry of paraffin-embedded rat brain using FNab01228(CAMK2 antibody) at dilution of 1:100



mouse brain tissue were subjected to SDS PAGE followed by western blot with FNab01228(CAMK2 antibody) at dilution of 1:1000

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