

Product name:	Phospho-CaMKII alpha(T286) Rabbit Monoclonal Antibody
Cat number:	MABN84575
Conjugate:	Unconjugated
Size:	100µL
Clone:	Monoclonal
Concentration:	1mg/ml
Host:	Rabbit
Isotype:	IgG
Immunogen:	A synthesized peptide derived from mouse CaMKII alpha around the phosphorylation site of T286
Reactivity:	Mouse,Rat
Applications:	WB 1:1000-1:2000,IHC 1:100-1:200
Molecular Weight:	Calculated MW: 54 kDa ; Observed MW: 50-60 kDa
Purification:	Affinity Purification
Form:	Liquid
Buffer:	Purified antibody in PBS with 0.05% sodium azide,0.05% BSA and 50% glycerol.
Storage:	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
Background:	Calcium/calmodulin-dependent protein kinase that functions autonomously after Ca ²⁺ /calmodulin-binding and autophosphorylation, and is involved in various processes, such as synaptic plasticity, neurotransmitter release and long-term potentiation.