
Product Name: CaMK1 Rabbit Monoclonal Antibody**Catalog #: AMRe85201**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Mouse,Rat
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000
Molecular Weight	Calculated MW: 41 kDa; Observed MW: 41 kDa

Antigen Information

Gene Name	CaMK1
Alternative Names	CaM K1; CaM KI; CaMK 1; CAMK I; CaMK1 alpha; CAMK1 PEN; CaMKI alpha
Gene ID	8536.0
SwissProt ID	Q14012
Immunogen	A synthetic peptide of human CaMKI

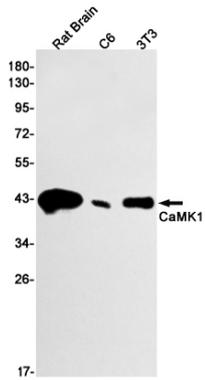
Background

Calcium/calmodulin-dependent protein kinase that operates in the calcium-triggered CaMKK-CaMK1 signaling cascade and, upon calcium influx, regulates transcription activators activity, cell cycle, hormone production, cell differentiation, actin filament organization and neurite outgrowth. Recognizes the substrate consensus sequence [MVLIF]-x-R-x(2)-[ST]-x(3)-

[MVLIF].

Research Area

Image Data



Western blot analysis of CaMK1 in rat Brain, C6, 3T3 lysates using CaMK1 antibody.