

Summary

Production Name	CaMK1 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	CAMK1
Alternative Names	CaM K1; CaM KI; CaMK 1; CAMK I; CaMK1 alpha; CAMK1 PEN; CaMKI alpha
Gene ID	8536
SwissProt ID	Q14012

Application

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

Background

Product Name: CaMK1 Rabbit Monoclonal Antibody
Catalog #: AMRe01518

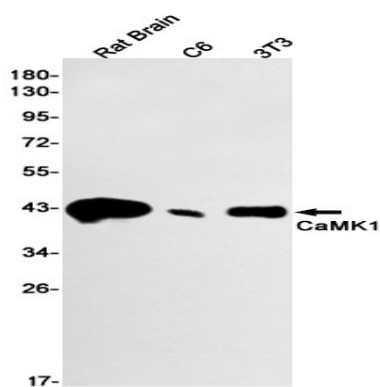


Calcium/calmodulin-dependent protein kinase that operates in the calcium-triggered CaMKK-CaMK1 signaling cascade and, upon calcium influx, regulates transcription activators activity, cell cycle, hormone production, cell differentiation, actin filament organization and neurite outgrowth. Recognizes the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

Research Area

Neuroscience

Image Data



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

Note

For research use only.