Product Name: **PKC α (Phospho Thr638) Rabbit Monoclonal Antibody**
Catalog #: **AMRe21077**
For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA,IP
Reactivity	Human,Mouse,Rat
Conjugation	Phospho
Modification	Phosphorylated
Isotype	IgG,Kappa
Clonality	Monoclonal
Form	Liquid
Concentration	0.2mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05%protective protein
Purification	Protein A

Application

Dilution Ratio	WB 1:2000-1:10000,IHC 1:1000-1:4000,ICC/IF 1:200-1:1000,ELISA 1:5000-1:20000,IP 1:50-1:200
Molecular Weight	Calculated MW:77kD;Observed MW:77kD

Antigen Information

Gene Name	PRKCA
Alternative Names	PRKCA;PKCA;PRKACA;Protein kinase C alpha type;PKC-A;PKC-alpha
Gene ID	5578.0
SwissProt ID	P17252
Immunogen	A synthetic Phosphorylated peptide corresponding to residues target protein

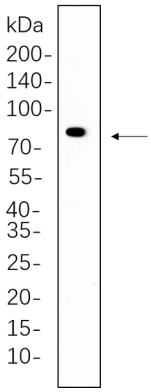
Background

Cell localization:Cytoplasm . Cell membrane ; Peripheral membrane protein . Mitochondrion membrane ; Peripheral membrane protein . Nucleus ..Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by

calcium and the second messenger diacylglycerol. PKC family members phosphorylate a wide variety of protein targets and are known to be involved in diverse cellular signaling pathways. PKC family members also serve as major receptors for phorbol esters, a class of tumor promoters. Each member of the PKC family has a specific expression profile and is believed to play a distinct role in cells. The protein encoded by this gene is one of the PKC family members. This kinase has been reported to play roles in many different cellular processes, such as cell adhesion, cell transformation, cell cycle checkpoint, and cell volume control. Knockout studies in mice suggest that this kinase may be a fundamental regulator of cardiac contractility and Ca(2+) handling in myocytes. [provided by RefSeq, Jul 2

Research Area

Image Data



C2C12 whole cell lysates were separated by 10% SDS-PAGE, and the membrane was blotted with PKC α (Phospho Thr638) Rabbit Monoclonal Antibody(1:1000). The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.