PKC α (phospho Tyr657) Polyclonal Antibody

Catalog No: #13617

Package Size: #13617-1 50ul #13617-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

Description

Product Name	PKC α (phospho Tyr657) Polyclonal Antibody
Host Species	Rabbit
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-PKC α (Y657) Polyclonal Antibody detects endogenous levels of PKC α protein only when phosphorylated at Y657.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human PKC alpha around the phosphorylation site of Tyr657. AA range:623-672
Other Names	PRKCA; PKCA; PRKACA; Protein kinase C alpha type; PKC-A; PKC-alpha
Accession No.	Swiss Prot:P17252GeneID:5578
Uniprot	P17252
GeneID	5578
SDS-PAGE MW	80
Concentration	1 mg/ml
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	-20°C/1

Application Details

Western Blot: 1/500 - 1/2000. ELISA: 1/10000. Not yet tested in other applications.

Background

protein kinase C alpha(PRKCA) Homo sapiens 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

Note: This product is for in vitro research use only