

PKCα/β II (phospho-Thr638/641) rabbit pAb

Catalog No: #13613

Package Size: #13613-1 50ul #13613-2 100ul

Description

Product Name	PKCα/β II (phospho-Thr638/641) rabbit pAb
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Applications	WB
Species Reactivity	Human, Mouse
Specificity	This antibody detects endogenous levels of Human Mouse PKCα/β II (phospho-Thr638 or 641)
Immunogen Description	Synthesized phospho peptide around human PKCα (Thr638 and 641)
Conjugates	Unconjugated
Other Names	Protein kinase C alpha type (PKC-A) (PKC-alpha) (EC 2.7.11.13)
Accession No.	Swiss Prot:P17252GenID:5578
SDS-PAGE MW	76
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

WB 1:1000-2000

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 and is not intended for use in humans or animals.