

PKC alpha/beta II(Phospho-Thr638/641) Rabbit Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP11959
Host	Rabbit
Isotype	IgG
Size	100ul, 50ul, 20ul
Immunogen	Synthesized phosho peptide around human PKC α (Thr638 and 641)
Mol wt	N/A
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB
Concentration	1 mg/ml
Full name	PKC alpha/beta II
Synonyms	PKC α/β II ;Thr638/641; Protein kinase C alpha type; PKC-A; PKC-alpha; EC 2.7.11.13

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

WB: 1: 1000 - 1: 2000

Not yet tested in other applications.

Images

No images.

Storage

-20°C for 1 year