

PKC θ (phospho Thr538) Polyclonal Antibody

Catalog No: #13615

Package Size: #13615-1 50ul #13615-2 100ul

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Description

Product Name	PKC θ (phospho Thr538) Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Applications	WB,IHC-p,IF(paraffin section),ELISA
Species Reactivity	Human,Mouse,Rat
Specificity	Phospho-PKC θ (T538) Polyclonal Antibody detects endogenous levels of PKC θ protein only when phosphorylated at T538.
Immunogen Description	The antiserum was produced against synthesized peptide derived from human PKC θ around the phosphorylation site of Thr538. AA range:504-553
Conjugates	Unconjugated
Other Names	PRKCQ; PRKCT; Protein kinase C theta type; nPKC-theta
Accession No.	Swiss Prot:Q04759GeneID:5588
SDS-PAGE MW	81
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. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

Background

protein kinase C theta(PRKCQ) 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. The protein encoded by this gene is one of the PKC family members. It is a calcium-independent and phospholipid-dependent protein kinase. This kinase is important for T-cell activation. It is required for the activation of the transcription factors NF- κ B and AP-1, and may link the T cell receptor (TCR) signaling complex to the activation of the transcription factors. [provided by RefSeq, Jul 2008],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.