Anti-Phospho-PKC delta (Ser643) /PKC theta (Ser676) Rabbit pAb

Purified Rabbit Polyclonal Antibody

Catalog # P108361

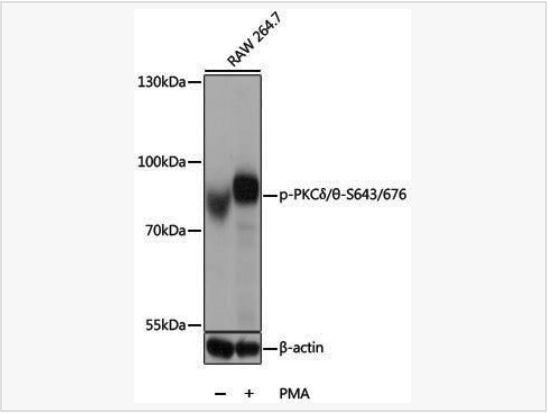
Product Information

Application	WB, ELISA
Reactivity	Human, Mouse
Dilution	WB 1:500~1:2000
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic phosphorylated peptide around S643 of human PKCδ/θPRKCD (NP_001341605.1).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Phospho-PKC delta (Ser643) /PKC theta (Ser676) Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Synonyms	PRKCD/PRKCQ; Phospho-PKCδ/θ-S643/676.
Calculated MW	Calculated MW: 77 kDa/80 kDa/67 kDa/74 kDa/81 kDa; Observed MW: 78 kDa
Uniprot ID	Q05655, Q04759
Gene ID	5580, 5588
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 distinct roles in cells. The protein encoded by this gene is one of the PKC family members. Studies both in human and mice demonstrate that this kinase is involved in B cell signaling and in the regulation of growth, apoptosis, and differentiation of a variety of cell types. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008]

Validation Images



Western blot analysis of lysates from RAW264.7 cells, using Phospho-PKCδ/θ-S643/676 Rabbit pAb (P108361) at 1:1,000 dilution. RAW 264.7 cells were treated by PMA (200 nM) for 30 minutes .
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% BSA.
Detection: ECL Kit.
Exposure time: 5s.