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## anti-PKC theta antibody (AA 380-634)

3 Images



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#### Overview

Quantity:	100 μL
Target:	PKC theta (PRKCQ)
Binding Specificity:	AA 380-634
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC theta antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

## **Product Details**

Purpose:	Polyclonal Antibody to Protein Kinase C Theta (PKCq)
Immunogen:	Recombinant Protein Kinase C Theta (PKCq) corresdonding to Phe380~Phe634 (Accession # Q04759) with N-terminal His and GST Tag
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PKCq. It has been selected for its ability to recognize PKCq in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

## **Target Details**

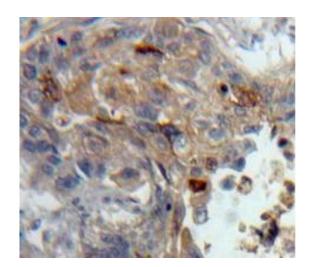
Target:	PKC theta (PRKCQ)
Alternative Name:	Protein Kinase C Theta (PRKCQ Products)
Background:	PRKC-Q, PRKCQ, PRKCT, NPKC-Theta
Pathways:	TCR Signaling, Fc-epsilon Receptor Signaling Pathway, Myometrial Relaxation and Contraction, Regulation of G-Protein Coupled Receptor Protein Signaling, Thromboxane A2 Receptor Signaling

## Application Details

Western blotting: 1-5 μg/mL Immunocytochemistry in formalin fixed cells: 5-20 μg/mL
Immunohistochemistry in formalin fixed frozen section: 5-20 $\mu g/mL$ Immunohistochemistry in
paraffin section: 5-20 μg/mL Enzyme-linked Immunosorbent Assay: 0.05-2 μg/mL Optimal
working dilutions must be determined by end user.
The thermal stability is described by the loss rate. The loss rate was determined by accelerated
thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious
degradation and precipitation were observed. The loss rate is less than 5% within the expiration
date under appropriate storage condition.
For Research Use only

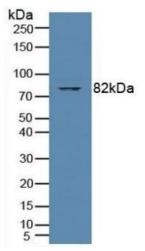
## Handling

Format:	Liquid
Buffer:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



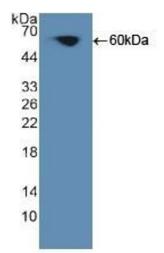
## **Immunohistochemistry**

Image 1. #VALUE!



## **Western Blotting**

Image 2. Detection of PKCq in Human Jurkat Cells using Polyclonal Antibody to Protein Kinase C Theta (PKCq)



## **Western Blotting**

Image 3. Detection of Recombinant PKCq, Human using Polyclonal Antibody to Protein Kinase C Theta (PKCq)