Datasheet for ABIN7434338

anti-PKC alpha antibody (AA 339-597)

Go to Product page

2 Images

Overview

Quantity:	100 µL
Target:	PKC alpha (PKCa)
Binding Specificity:	AA 339-597
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PKC alpha antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Polyclonal Antibody to Protein Kinase C Alpha (PKCa)
Immunogen:	Recombinant Protein Kinase C Alpha (PKCa) corresdonding to Phe339~Phe597 (Accession # P20444)
Isotype:	IgG
Specificity:	The antibody is a rabbit polyclonal antibody raised against PKCa. It has been selected for its ability to recognize PKCa in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Rat
Purification:	Antigen-specific affinity chromatography followed by Protein A affinity chromatography

Copyright antibodies-online. All rights reserved.

Target Details

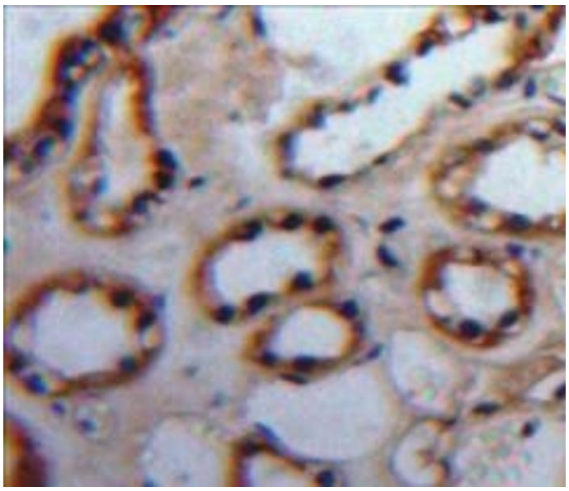
Target:	PKC alpha (PKCa)
Alternative Name:	Protein Kinase C Alpha (PKCa Products)
Background:	PRKCA, PKC-A, AAG6, PKC-Alpha
Pathways:	WNT Signaling, TCR Signaling, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, Thyroid Hormone Synthesis, cAMP Metabolic Process, Myometrial Relaxation and Contraction, Cell-Cell Junction Organization, Regulation of G-Protein Coupled Receptor Protein Signaling, G-protein mediated Events, Signaling Events mediated by VEGFR1 and VEGFR2, Interaction of EGFR with phospholipase C-gamma, Thromboxane A2 Receptor Signaling, VEGFR1 Specific Signals, VEGF Signaling

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL 1:500-2000 Immunohistochemistry: 5-20 µg/mL 1:50-200 Immunocytochemistry: 5-20 µg/mL 1:50-200 Optimal working dilutions must be determined by end user.
Comment:	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.
Restrictions:	For Research Use only

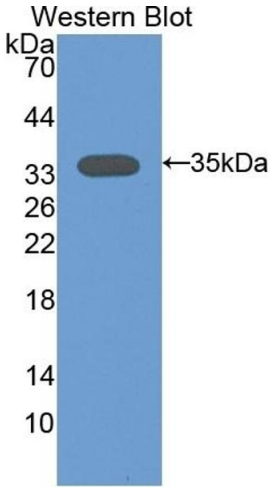
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: 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 Recombinant PKCa, Mouse using Polyclonal Antibody to Protein Kinase C Alpha (PKCa)

Copyright antibodies-online. All rights reserved.