

PKC delta Rabbit pAb

Catalog No.: A0471

Basic Information

Catalog No.

A0471

Observed MW

78kDa/85kDa

Calculated MW

77kDa/80kDa

Category

Primary antibody

Applications

WB, IHC, IF

Cross-Reactivity

Human, Mouse, Rat

Recommended Dilutions

WB	1:500 - 1:2000
IHC	1:50 - 1:100
IF	1:50 - 1:100

Contact

 | www.abclonal.com

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.

Immunogen Information

Gene ID	Swiss Prot
5580	Q05655

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 477-676 of human PKC delta (NP_997704.1).

Synonyms

PRKCD;ALPS3;CVID9;MAY1;PKCD;nPKC-delta;PKCδ

Product Information

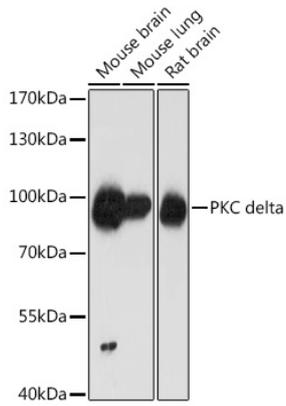
Source	Isotype	Purification
Rabbit	IgG	Affinity purification

Storage

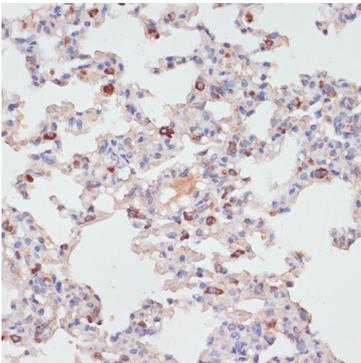
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

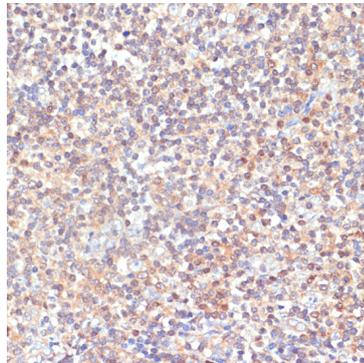
Validation Data



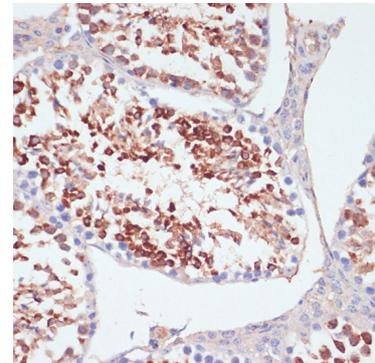
Western blot analysis of extracts of various cell lines, using PKC δ antibody (A0471) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1min.



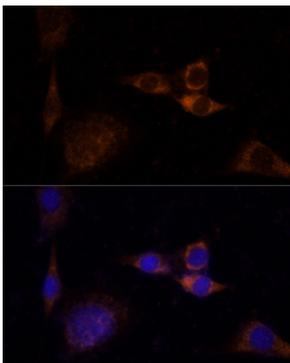
Immunohistochemistry of paraffin-embedded rat lung using PKC δ antibody (A0471) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded human tonsil using PKC δ antibody (A0471) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using PKC δ antibody (A0471) at dilution of 1:100 (40x lens).



Immunofluorescence analysis of NIH/3T3 cells using PKC δ antibody (A0471) at dilution of 1:100. Blue: DAPI for nuclear staining.