

For Research Use Only

PKC Delta Polyclonal antibody

Catalog Number: 19132-1-AP **7 Publications**



Basic Information

Catalog Number:

19132-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG5631

GenBank Accession Number:

BC043350

GeneID (NCBI):

5580

UNIPROT ID:

Q05655

Full Name:

protein kinase C, delta

Calculated MW:

78 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

IF 1:200-1:800

Applications

Tested Applications:

FC, IF/ICC, IHC, IP, WB, ELISA

Cited Applications:

CoIP, IF, IHC, IP, WB

Species Specificity:

human, mouse, rat

Cited Species:

human, rat, mouse

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: A431 cells, Jurkat cells, MCF-7 cells, HT-1080 cells, mouse colon tissue, HUVEC cells

IP: A431 cells,

IHC: human brain tissue, human colon tissue

IF: U2OS cells, U-251 cells, HeLa cells, A431 cells

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Houbao Qi	31707260	iScience	WB
Katarzyna Dąbrowska	30017230	Neurochem Int	WB
Zhong-Wen Chang	35122947	Fish Shellfish Immunol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

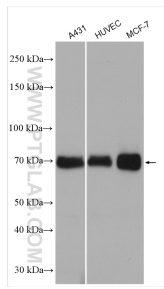
T: 4006900926

E: Proteintech-CN@ptglab.com

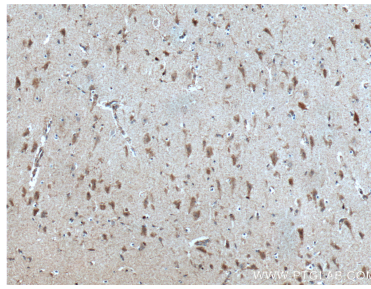
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

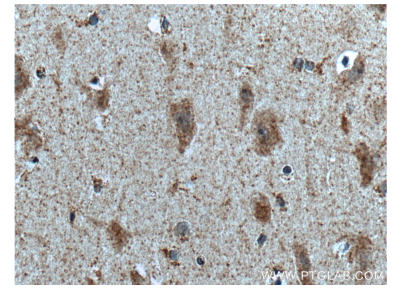
Selected Validation Data



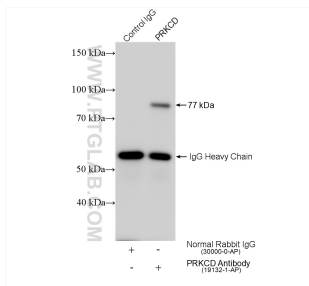
Various lysates were subjected to SDS PAGE followed by western blot with 19132-1-AP (PKC Delta antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



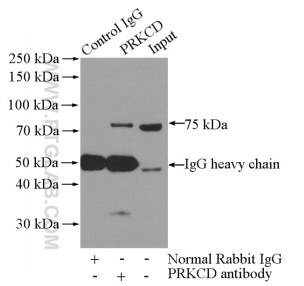
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 19132-1-AP (PKC delta antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



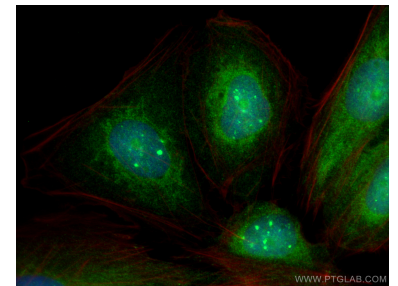
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 19132-1-AP (PKC delta antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



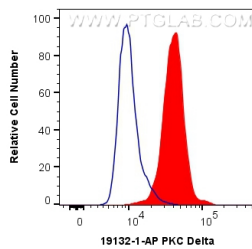
IP result of anti-PKC Delta (IP:19132-1-AP, 4ug; Detection:19132-1-AP 1:800) with A431 cells lysate 2640 ug.



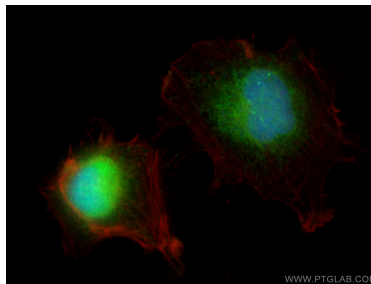
IP result of anti-PKC Delta (IP:19132-1-AP, 4ug; Detection:19132-1-AP 1:500) with A431 cells lysate 2000ug.



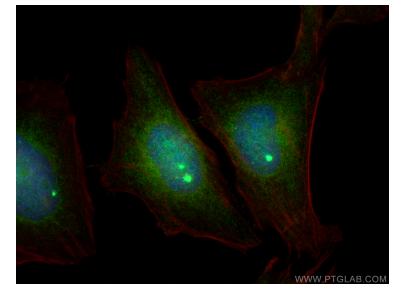
Immunofluorescent analysis of (4% PFA) fixed U2OS cells using PKC Delta antibody (19132-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



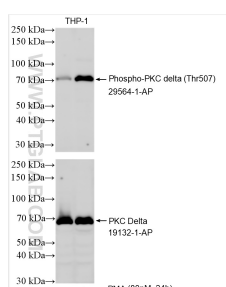
1×10^6 HeLa cells were intracellularly stained with 0.4 ug Anti-Human PKC Delta (19132-1-AP) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (4% PFA) fixed U-251 cells using PKC Delta antibody (19132-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using PKC Delta antibody (19132-1-AP) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



Non-treated and PMA treated THP-1 cells were subjected to SDS PAGE followed by western blot with 29564-1-AP (Phospho-PKC delta (Thr507) antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours. The membrane was stripped and re-blotted with PKC Delta antibody (19132-1-AP) subsequently.