

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti- PKC Gamma



Numéro de catalogue: 14364-1-AP

10 Publications

Informations de base

Numéro de catalogue:
14364-1-AP

Taille:
150ul, Concentration: 500 µg/ml by
Nanodrop and 253 µg/ml by Bradford
method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG5681

Numéro d'acquisition GenBank:
BC047876

Identification du gène (NCBI):
5582

Nom complet:
protein kinase C, gamma

MW calculé
78 kDa

MW observés:
76-80 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:5000-1:20000
IP 0.5-4.0 ug for IP and 1:500-1:1000
for WB
IHC 1:50-1:500
IF 1:50-1:500

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
IF, IHC, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

**Remarque-IHC: il est suggéré de démasquer
l'antigène avec un tampon de TE buffer pH
9,0; (*) A défaut, 'le démasquage de
l'antigène peut être 'effectué avec un
tampon citrate pH 6,0.**

Contrôles positifs:

WB : tissu cérébral de souris, tissu cérébral humain

IP : tissu cérébral de souris,

IHC : tissu cérébral humain, tissu cérébral de rat, tissu
de cervelet humain

IF : cellules HeLa, cellules SH-SY5Y

Informations générales

Protein kinase C (PKC) is a family of serine- and threonine-specific protein kinases that can be activated by calcium and 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 gamma is a neuron-specific member of the classical PKCs and is activated and translocated to subcellular regions as a result of various stimuli, including diacylglycerol synthesis, increased intracellular Ca(2+) and phorbol esters. Defects in this protein have been associated with spinocerebellar ataxia type 14 (SCA14), an autosomal dominant neurodegenerative disease.

Publications notables

Autrice	Pubmed ID	Journal	Application
Shuyan Liu	36158087	Heliyon	WB
Guangming Zhang	34470528	Cell Transplant	WB
Xiao-Tian Liu	34634284	J Neurosci Methods	IF

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

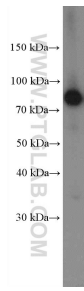
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
in USA), or 1(312) 455-8498 (outside USA)

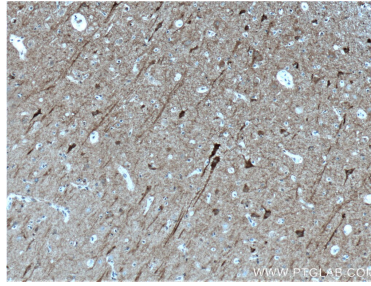
E: proteintech@ptglab.com
W: ptglab.com

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

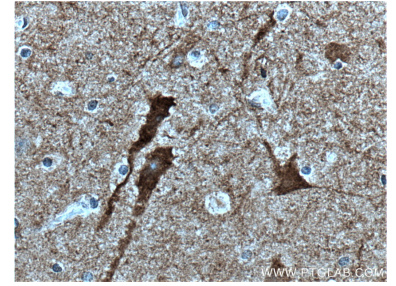
Données de validation sélectionnées



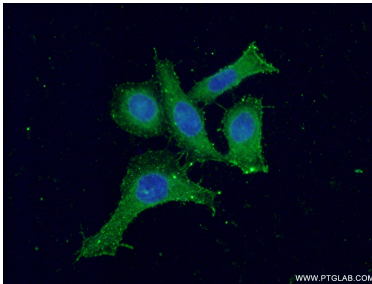
mouse brain tissue were subjected to SDS PAGE followed by western blot with 14364-1-AP (PKC gamma antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



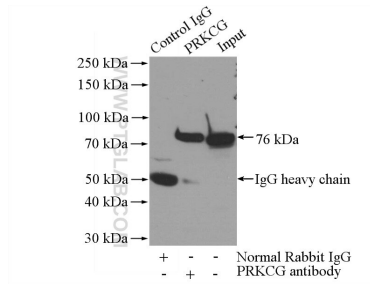
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 14364-1-AP (PKC gamma antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



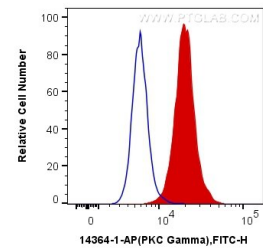
Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 14364-1-AP (PKC gamma antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 14364-1-AP (PKC gamma antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



IP Result of anti-PKC gamma (IP:14364-1-AP, 4ug; Detection:14364-1-AP 1:500) with mouse brain tissue lysate 2640ug.



1X10⁶ HeLa cells were intracellularly stained with 0.2 ug Anti-Human PKC Gamma (14364-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).