

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-ITPKA



Numéro de catalogue: 14270-1-AP

Phare

10 Publications

Informations de base

Numéro de catalogue:

14270-1-AP

Taille:

150ul, Concentration: 200 µg/ml by Nanodrop and 180 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG5588

Numéro d'acquisition GenBank:

BC026331

Identification du gène (NCBI):

3706

Nom complet:

inositol 1,4,5-trisphosphate 3-kinase

A

MW calculé

51 kDa

MW observés:

51 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:3200

IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB

IHC 1:100-1:400

IF 1:20-1:200

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, IHC, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, souris

Contrôles positifs:

WB : tissu cérébral de souris,

IP : tissu cérébral de souris,

IHC : tissu de gliome humain,

IF : cellules HepG2,

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.

Informations générales

ITPKA (Inositol-trisphosphate 3-kinase A) belongs to the inositol phosphokinase (IPK) family. It accumulates in dendritic spines and seems to be critically involved in synaptic plasticity. The protein possesses two functional activities. In neurons, ITPKA is targeted to F-actin via an N-terminal actin binding domain (amino acids 1-66) and is relevant for long term potentiation and spatial learning (PMID:20022963).

Publications notables

Autrice	Pubmed ID	Journal	Application
Windhorst Sabine S	21792881	Int J Cancer	WB, IHC
Maohua Liu	29375702	Exp Ther Med	WB
Jingyun Liu	36558932	Pharmaceuticals (Basel)	WB

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 -20°C

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

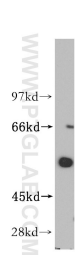
For technical support and original validation data for this product please contact:

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

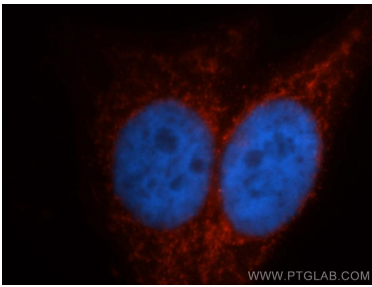
E: proteintech@ptglab.com
W: ptglab.com

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

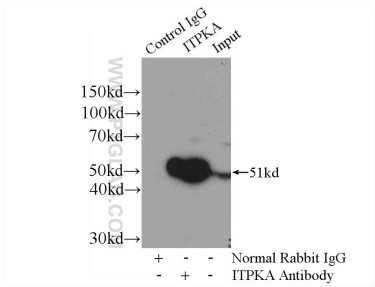
Données de validation sélectionnées



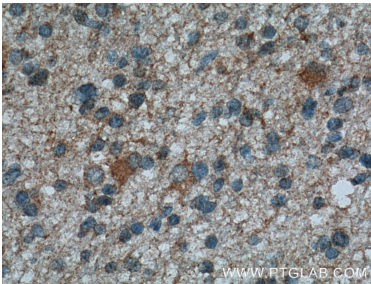
mouse brain tissue were subjected to SDS PAGE followed by western blot with 14270-1-AP (ITPKA antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



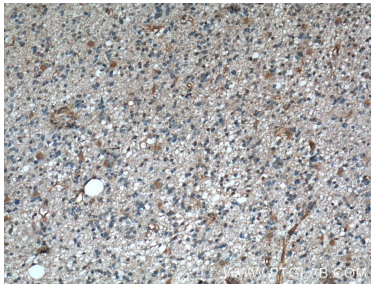
Immunofluorescent analysis of HepG2 cells, using ITPKA antibody 14270-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-ITPKA (IP:14270-1-AP, 4ug; Detection:14270-1-AP 1:400) with mouse brain tissue lysate 4000ug.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 14270-1-AP (ITPKA Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 14270-1-AP (ITPKA Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).