

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-PIP5K1A



Numéro de catalogue: 15713-1-AP

Phare

10 Publications

Informations de base

Numéro de catalogue: 15713-1-AP	Numéro d'acquisition GenBank: BC007833	Méthode de purification: Purification par affinité contre l'antigène
Taille: 150ul, Concentration: 600 µg/ml by Nanodrop;	Identification du gène (NCBI): 8394	Dilutions recommandées: WB 1:5000-1:50000 IHC 1:50-1:500 IF 1:10-1:100
Hôte: Lapin	Nom complet: phosphatidylinositol-4-phosphate 5-kinase, type I, alpha	
Isotype: IgG	MW calculé 56 kDa, 63 kDa	
Immunogen Catalog Number: AG8340	MW observés: 63 kDa	

Applications

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

Demandes citées:
IF, IHC, IP, WB

Spécificité de l'espèce:
Humain, rat, souris

Espèces citées:
Humain, rat, souris

Contrôles positifs:

WB : cellules HepG2, cellules HeLa, cellules NCI-H1299, cellules PC-12, tissu cardiaque humain, tissu hépatique humain

IHC : tissu d'amygdalite humain,

IF : cellules HeLa,

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

Informations générales

Phosphatidylinositol 4-phosphate 5-kinases (PIP5Ks) play diverse roles in the cellular biology of many organisms, including signal transduction, secretion and vesicular trafficking, and regulation of cytoskeleton assembly (PMID:17688436). There are three PIP5K isoforms, α , β , and γ . The nomenclature for the α and β isoforms is switched between humans and mice (PMID:22096541). There are also several splicing variants of the γ isozyme have been identified (PMID:20945365). PIP5K1A has some isoforms produced by alternative splicing with the molecular mass of 56-63 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Daqi Li	35841593	Cancer Res	WB,IF,IP
Jaerak Chang	25365221	J Clin Invest	WB
Tianyan Wang	35386201	Front Cell Dev Biol	WB,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.

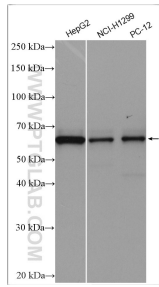
For technical support and original validation data for this product please contact:

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

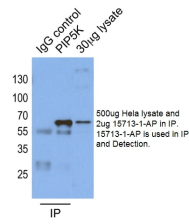
E: proteintech@ptglab.com
W: ptglab.com

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

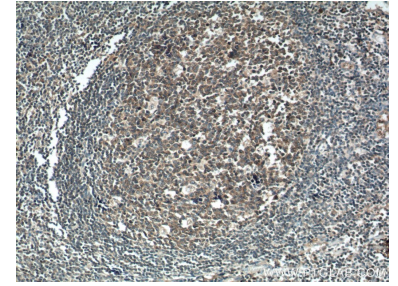
Données de validation sélectionnées



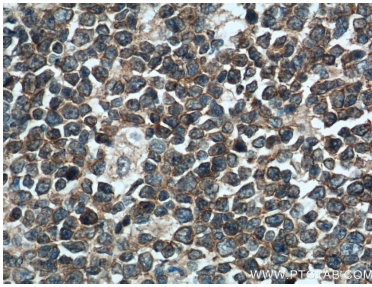
Various lysates were subjected to SDS PAGE followed by western blot with 15713-1-AP (PIP5K1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



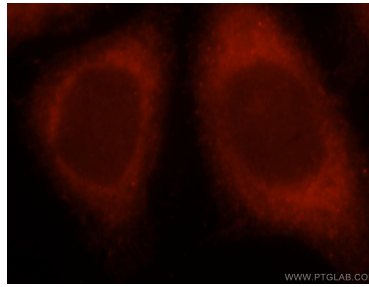
IP result of anti-PIP5K1A (15713-1-AP for IP and Detection).



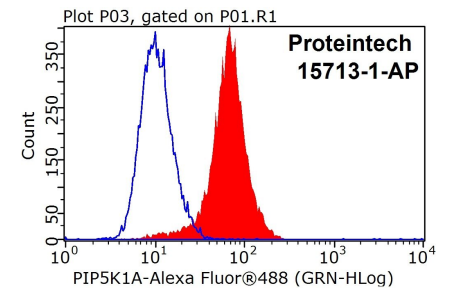
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15713-1-AP (PIP5K1A Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15713-1-AP (PIP5K1A Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of HeLa cells, using PIP5K1A antibody 15713-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



1X10⁶ HeLa cells were stained with .5ug PIP5K1A antibody (15713-1-AP, red) and control antibody (blue). FITC-Goat anti-Rabbit IgG with dilution 1:100. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.