Nur für Forschungszwecke

PIP5K1A Polyklonaler Antikörper

Katalog-Nr.:15713-1-AP Vorgestelltes Produkt 10 Publikationen

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Antibodies | ELISA kits | Proteins
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Allgemeine Informationen

Katalog-Nr.:
15713-1-AP

Größe:
150ul , Konzentration: 600 μg/ml von Nanodrop;

Wirt:
Kaninchen

Isotyp:
IgG

Immunogen Katalognummer:
AG8340

GenBank-Zugangsnummer:
BC007833

GeneID (NCBI):
8394

Vollständiger Name:
phosphatidylinositol-4-phosphate 5-kinase, type I, alpha

Berechneté Masse:
56 kDa, 63 kDa

Beobachteté Masse:
63 kDa

Reinigungsmethode:
Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:
WB 1:5000-1:50000
IHC 1:50-1:500
IF 1:10-1:100

Anwendungen

Geprüfte Anwendungen:
FC, IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:
IF, IHC, IP, WB

Getestete Reaktivität:
Human, Maus, Ratte

Zitierte Arten:
Human, Maus, Ratte

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HepG2-Zellen, HeLa-Zellen, humanes Herzgewebe, humanes Lebergewebe, NCI-H1299-Zellen, PC-12-Zellen

IHC : humanes Tonsillitisgewebe,

IF : HeLa-Zellen,

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

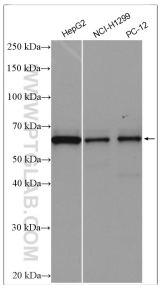
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

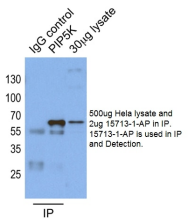
*** 20ul-Größen enthalten 0.1% BSA

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

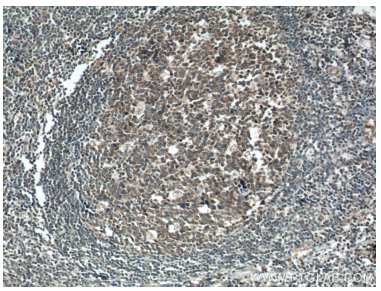
Ausgewählte Validierungsdaten



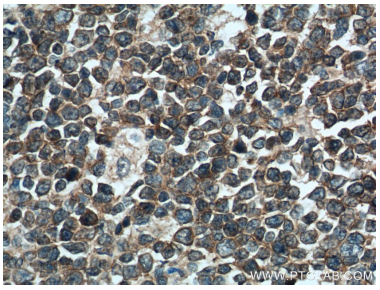
Various lysates were subjected to SDS PAGE followed by western blot with 15713-1-AP (PIP5K1A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



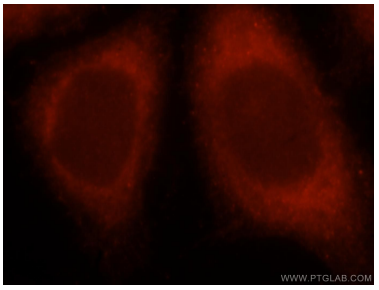
IP result of anti-PIP5K1A (15713-1-AP for IP and Detection).



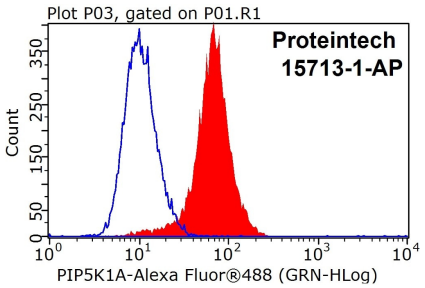
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 15713-1-AP (PIP5K1A Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



1X10^6 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.