

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-APPL1



Numéro de catalogue: 19885-1-AP

Informations de base

Numéro de catalogue:
19885-1-AP

Taille:
150ul, Concentration: 450 µg/ml by Nanodrop and 280 µg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG13703

Numéro d'acquisition GenBank:
BC028599

Identification du gène (NCBI):
26060

Nom complet:
adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1

MW calculé
709 aa, 80 kDa

MW observés:
80 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:1000-1:4000
IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB
IHC 1:20-1:200
IF 1:10-1:100

Applications

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

Spécificité de l'espèce:
Humain, rat, souris

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.

Contrôles positifs:

WB : tissu cérébral humain, cellules HEK-293, cellules HeLa, cellules HT-1080, tissu cardiaque humain, tissu cérébral de souris

IP : tissu cérébral de souris,

IHC : tissu de cancer du sein humain,

IF : cellules HepG2,

Informations générales

Adaptor protein, phosphotyrosine interaction, PH domain and leucine zipper containing 1 (APPL1), a binding partner of Akt2 and an important regulator of ins signaling, plays a key role in the regulation of ins secretion [PMID:22615370]. APPL1 interacts with adiponectin receptors and mediates the ins-sensitizing effects of adiponectin in muscle and endothelial cells. It also participates in nuclear signaling and transcriptional regulation, mostly by modulating the activity of various nuclear factors [PMID:22685329]. Apart from its role in endocytosis and endosomal transport, APPL1 was reported to undergo nucleocytoplasmic shuttling and participate in transcriptional regulation, e.g. by interactions with histone deacetylases (HDACs) [PMID:19686092].

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.

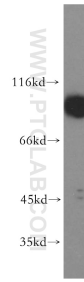
For technical support and original validation data for this product please contact:

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

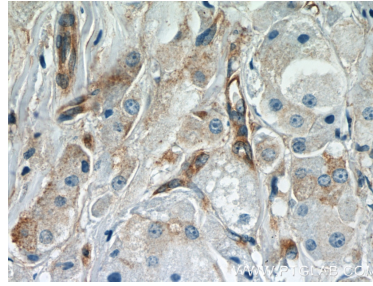
E: proteintech@ptglab.com
W: ptglab.com

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

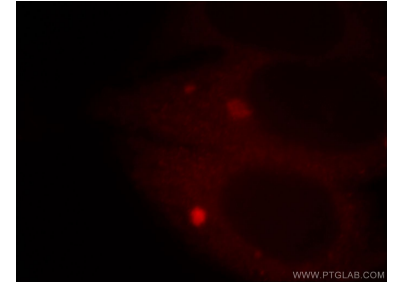
Données de validation sélectionnées



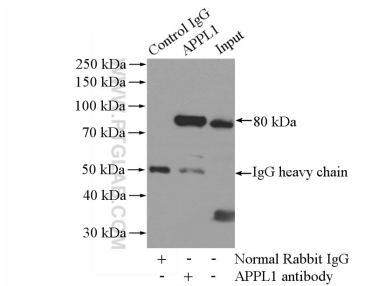
human brain tissue were subjected to SDS PAGE followed by western blot with 19885-1-AP (APPL1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



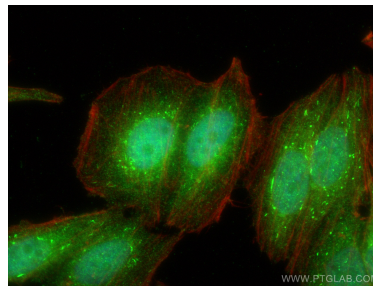
Immunohistochemical analysis of paraffin-embedded human breast cancer slide using 19885-1-AP (APPL1 Antibody) at dilution of 1:50.



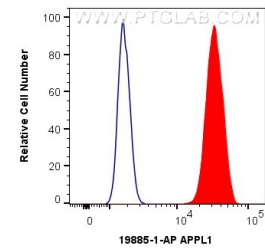
Immunofluorescent analysis of HepG2 cells, using APPL1 antibody 19885-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-APPL1 (IP:19885-1-AP, 4ug; Detection:19885-1-AP 1:1000) with mouse brain tissue lysate 2640ug.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using APPL1 antibody (19885-1-AP) at dilution of 1:400 and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-phalloidin (red).



1×10^6 HepG2 cells were intracellularly stained with 0.4 ug Anti-Human APPL1 (19885-1-AP) and Coralite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).