

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti- PLEKHA1



Numéro de catalogue: 26830-1-AP

Informations de base

| | | |
|---|---|---|
| Numéro de catalogue: 26830-1-AP | Numéro d'acquisition GenBank: BC001136 | Méthode de purification: Purification par affinité contre l'antigène |
| Taille: 150ul, Concentration: 750 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard; | Identification du gène (NCBI): 59338 | Dilutions recommandées: WB 1:500-1:2000 IP 0.5-4.0 ug for IP and 1:500-1:2000 for WB |
| Hôte: Lapin | Nom complet: pleckstrin homology domain containing, family A (phosphoinositide binding specific) member 1 | IHC 1:50-1:500 IF 1:50-1:500 |
| Isotype: IgG | MW calculé 46 kDa | |
| Immunogen Catalog Number: AG25285 | MW observés: 46 kDa | |

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Spécificité de l'espèce:

Humain

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 : cellules HeLa, cellules A549, cellules Jurkat, cellules MOLT-4

IP : cellules A549,

IHC : tissu de côlon humain, tissu pancréatique humain

IF : cellules A549,

Informations générales

Pleckstrin homology (PH) domain is commonly found in eukaryotic signaling proteins and possesses multiple functions including the abilities to bind inositol phosphates and various proteins. The tandem PH domain containing protein-1 (TAPP1) or PH domain containing-family A (phosphoinositide binding specific) member 1 (PLEKHA1), interacts strongly and specifically with phosphatidylinositol 3,4-trisphosphate [PtdIns(3,4)P(2)], which is one of the immediate breakdown products of PtdIns(3,4,5) P (3) and functions as a signalling molecule in insulin- and growth-factor-stimulated pathways. TAPP1 is also associated with the protein- tyrosine-phosphatase-like protein-1 (PTPL1 also known as FAP-1) and maintains PTPL1 in cytoplasm. By binding to PtdIns(3,4) P (2) and PTPL1, TAPP1 may regulate the membrane localization of PTPL1."

Stockage

Stockage:

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

Tampon de stockage:

PBS avec azote 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.

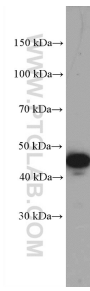
For technical support and original validation data for this product please contact:

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

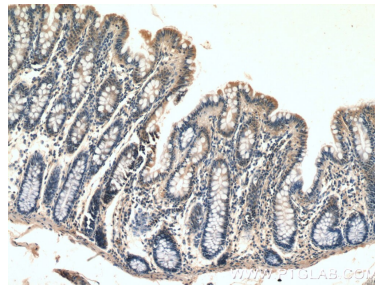
E: proteintech@ptglab.com
W: ptglab.com

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

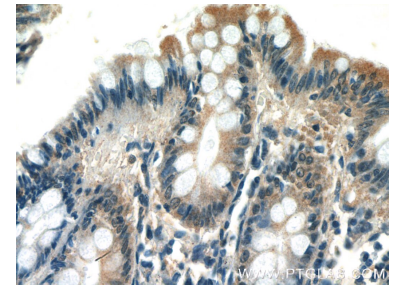
Données de validation sélectionnées



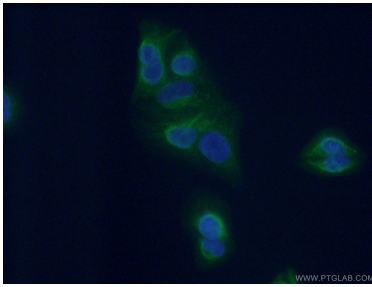
HeLa cells were subjected to SDS PAGE followed by western blot with 26830-1-AP (PLEKHA1 Antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



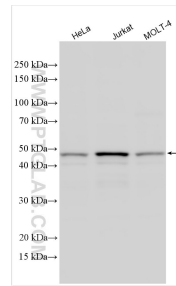
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 26830-1-AP (PLEKHA1 antibody) at dilution of 1:200 (under 10x lens).



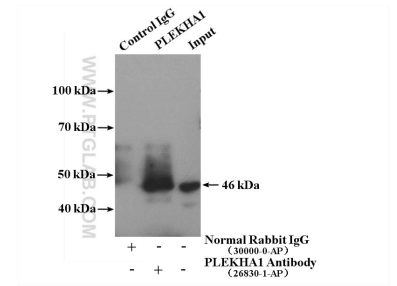
Immunohistochemical analysis of paraffin-embedded human colon tissue slide using 26830-1-AP (PLEKHA1 antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of (-20°C Ethanol) fixed A549 cells using 26830-1-AP (PLEKHA1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 26830-1-AP (PLEKHA1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-PLEKHA1 (IP:26830-1-AP, 4ug; Detection:26830-1-AP 1:1000) with A549 cells lysate 1600 ug.