

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-Arp5/ACTR5



Numéro de catalogue: 21505-1-AP

Phare

4 Publications

Informations de base

Numéro de catalogue:

21505-1-AP

Taille:

150ul, Concentration: 253 µg/ml by Bradford method using BSA as the standard;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG15976

Numéro d'acquisition GenBank:

BC038402

Identification du gène (NCBI):

79913

Nom complet:

ARP5 actin-related protein 5 homolog (yeast)

MW calculé

607 aa, 68 kDa

MW observés:

68 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 1:500-1:1000 for WB

IF 1:10-1:100

Applications

Applications testées:

IF, IP, WB, ELISA

Demandes citées:

IF, IP, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain, rat, souris

Contrôles positifs:

WB : tissu de cervelet de souris, cellules HEK-293, tissu cardiaque de souris, tissu de muscle squelettique humain, tissu ovarien de souris

IP : cellules HEK-293,

IF : cellules A549, cellules HepG2

Informations générales

Arp5 is a member of nuclear actin-related proteins (ARPs) that function as components of the chromatin-remodeling complex. Recently study reported that Arp5 regulates smooth muscle cell differentiation through interaction with myocardin (Myocd). Arp5 has been identified as negative regulator of Myocd, suppressing Myocd activity in the nucleus through tightly binding with Myocd RPEL motifs. Alternative splicing results in two variants of Arp5: a broadly expressed arp5-common, and a smooth muscle restricted arp5-sm. Expression of Arp5-sm protein is strongly suppressed in well-differentiated smooth muscle cells by partial messenger RNA decay and translational suppression. (24567363)

Publications notables

Autrice	Pubmed ID	Journal	Application
Tsuyoshi Morita	35348112	Elife	WB, IF, IP
Yanying Wang	31334575	EMBO J	WB
Tsuyoshi Morita	24567363	J Cell 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.

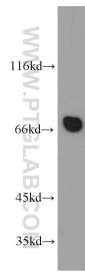
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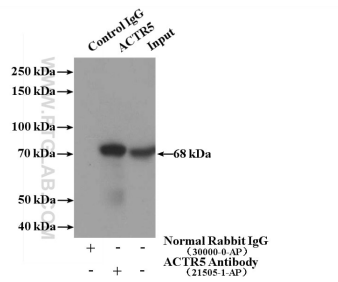
E: proteintech@ptglab.com
W: ptglab.com

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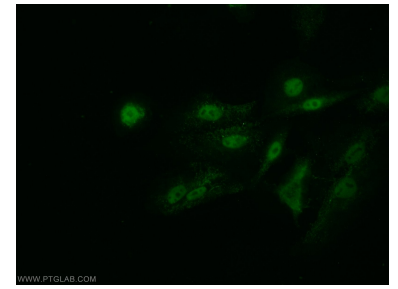
Données de validation sélectionnées



mouse cerebellum tissue were subjected to SDS PAGE followed by western blot with 21505-1-AP (Arp5/ACTR5 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP Result of anti-Arp5/ACTR5 (IP:21505-1-AP, 4 μ g; Detection:21505-1-AP 1:500) with HEK-293 cells lysate 1120 μ g.



Immunofluorescent analysis of A549 cells using 21505-1-AP (Arp5/ACTR5 antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).