

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-MPRIP



Numéro de catalogue: 20040-1-AP

3 Publications

Informations de base

Numéro de catalogue:

20040-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Numéro d'acquisition GenBank:

NM_015134

Identification du gène (NCBI):

23164

Nom complet:

myosin phosphatase Rho interacting protein

MW calculé

117 kDa

MW observés:

116-140 kDa

Méthode de purification:

Purification par affinité contre l'antigène

Dilutions recommandées:

WB 1:500-1:1000

IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB

IHC 1:50-1:500

IF 1:10-1:100

Applications

Applications testées:

IF, IHC, IP, WB, ELISA

Demandes citées:

IF, WB

Spécificité de l'espèce:

Humain, rat, souris

Espèces citées:

Humain

Contrôles positifs:

WB : cellules SH-SY5Y, cellules A2780, cellules SKOV-3

IP : cellules SKOV-3,

IHC : tissu ovarien de souris, tissu ovarien 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

MPRIP, also named as KIAA0864, MRIP, RHOIP3 and p116Rip, is required for the regulation of the actin cytoskeleton by RhoA and ROCK1. MRIP targets myosin phosphatase to the actin cytoskeleton. Depletion leads to an increased number of stress fibers in smooth muscle cells through stabilization of actin fibers by phosphorylated myosin. Overexpression of MRIP as well as its F-actin-binding region leads to disassembly of stress fibers in neuronal cells. The antibody recognizes the C-term of isoform2 and isoform3 of MPRIP.

Publications notables

Autrice	Pubmed ID	Journal	Application
Hao Bo	30588252	J Cancer	WB
Shan Wang	32530539	Glia	WB,IF
Maya David	35961752	RNA	WB

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.

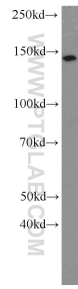
For technical support and original validation data for this product please contact:

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

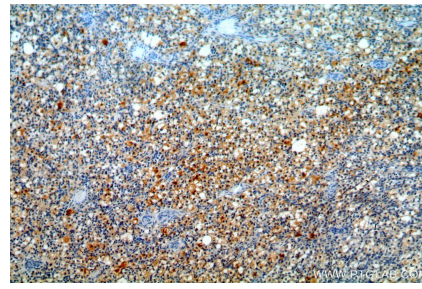
E: proteintech@ptglab.com
W: ptglab.com

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

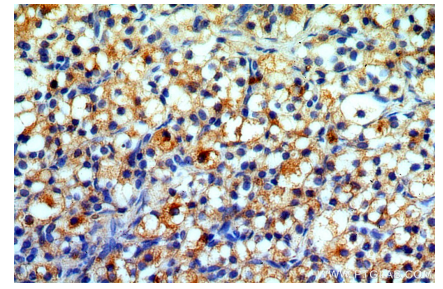
Données de validation sélectionnées



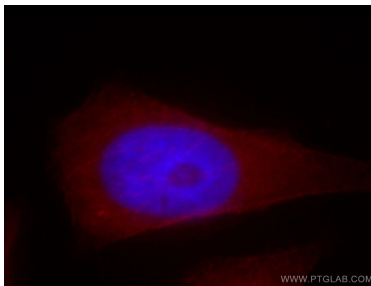
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 20040-1-AP (MPRIP antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



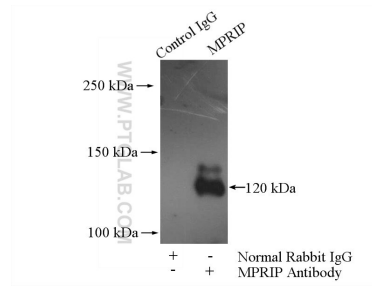
Immunohistochemical analysis of paraffin-embedded human ovary using 20040-1-AP (MPRIP antibody) at dilution of 1:100 (under 10x lens).



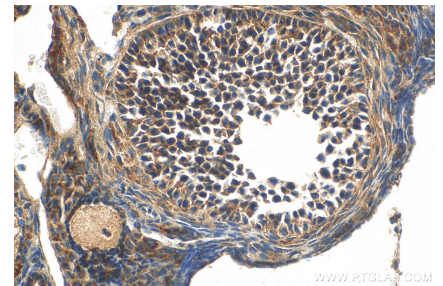
Immunohistochemical analysis of paraffin-embedded human ovary using 20040-1-AP (MPRIP antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of HeLa cells, using MPRIP antibody 20040-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-MPRIP (IP:20040-1-AP, 4ug; Detection:20040-1-AP 1:500) with SKOV-3 cells lysate 2000ug.



Immunohistochemical analysis of paraffin-embedded mouse ovary tissue slide using 20040-1-AP (MPRIP antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).