

Nur für Forschungszwecke

MPRIP Polyklonaler Antikörper

Katalog-Nr.: 20040-1-AP

3 Publikationen



Allgemeine Informationen

Katalog-Nr.: 20040-1-AP	GenBank-Zugangsnummer: NM_015134	Reinigungsmethode: Antigen-Affinitätsreinigung
Größe: 150ul, Konzentration: 400 µg/ml von Nanodrop;	GeneID (NCBI): 23164	Empfohlene Verdünnungen: WB 1:500-1:1000 IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB
Wirt: Kaninchen	Vollständiger Name: myosin phosphatase Rho interacting protein	IHC 1:50-1:500 IF 1:10-1:100
Isotyp: IgG	Berechnete Masse: 117 kDa	
	Beobachtete Masse: 116-140 kDa	

Anwendungen

Geprüfte Anwendungen:

IF, IHC, IP, WB, ELISA

In Publikationen genannte Anwendungen:

IF, WB

Getestete Reaktivität:

Human, Maus, Ratte

Zitierte Arten:

Human

Positivkontrollen:

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

IP : SKOV-3-Zellen,

IHC : Maus-Eierstockgewebe, humanes Eierstockgewebe

IF : HeLa-Zellen,

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

Hintergrundinformationen

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.

Bemerkenswerte Veröffentlichungen

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

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

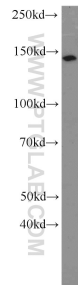
For technical support and original validation data for this product please contact:

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

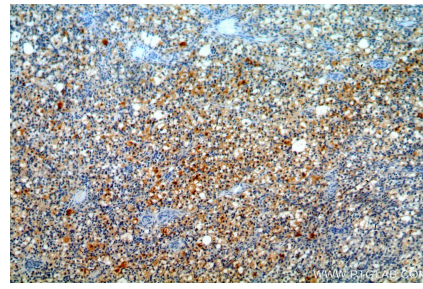
E: proteintech@ptglab.com
W: ptglab.com

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

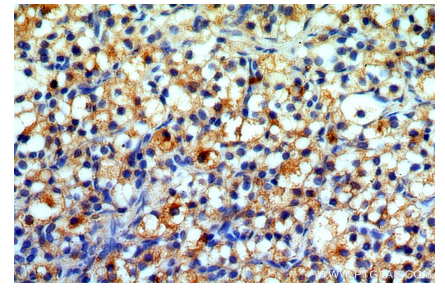
Ausgewählte Validierungsdaten



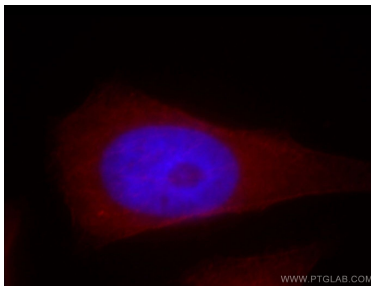
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 20040-1-AP (MPRIP antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



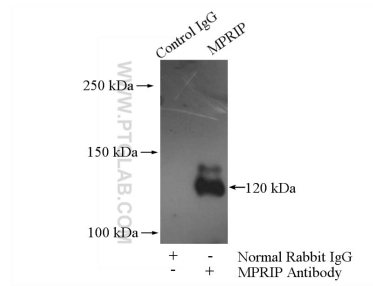
Immunohistochemical analysis of paraffin-embedded human ovary using 20040-1-AP (MPRIP antibody) at dilution of 1:100 (under 10x lens).



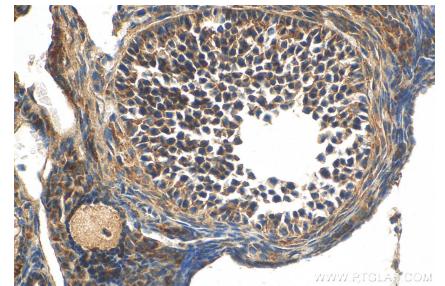
Immunohistochemical analysis of paraffin-embedded human ovary using 20040-1-AP (MPRIP antibody) at dilution of 1:100 (under 40x lens).



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).