

Nur für Forschungszwecke

MTMR14 Polyklonaler Antikörper

Katalog-Nr.: 14973-1-AP

Vorgestelltes Produkt

1 Publikationen



Allgemeine Informationen

Katalog-Nr.:

14973-1-AP

Größe:

150ul, Konzentration: 800 µg/ml von Nanodrop und 340 µg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:

Kaninchen

Isotyp:

IgG

Immunogen Katalognummer:

AG6883

GenBank-Zugangsnummer:

BC050626

GeneID (NCBI):

64419

Vollständiger Name:

myotubularin related protein 14

Berechnete Masse:

72 kDa

Beobachtete Masse:

110-120 kDa, 72 kDa

Reinigungsmethode:

Antigen-Affinitätsreinigung

Empfohlene Verdünnungen:

WB 1:500-1:2000

IP 0.5-4.0 µg für IP und 1:500-1:1000 für WB

IF 1:20-1:200

Anwendungen

Geprüfte Anwendungen:

FC, IF, IP, WB, ELISA

In Publikationen genannte Anwendungen:

WB

Getestete Reaktivität:

Human

Zitierte Arten:

Human

Positivkontrollen:

WB : HeLa-Zellen, HepG2-Zellen, Jurkat-Zellen

IP : HeLa-Zellen,

IF : HeLa-Zellen,

Hintergrundinformationen

MTMR14, also known as Jumpy, belongs to the MTM1/MTMRs family which has 15 members that divided into two subgroup: catalytically inactive and active. MTMR14 is a catalytically active member possessing an active phosphatase domain, that specifically dephosphorylates PI3P and phosphatidylinositol (3,5)-bisphosphate (PI3,5P2) at position 3 on inositol ring. A remarkable feature of the MTM1/MTMRs family is the association between a catalytically inactive member and a catalytically active member, which plays an important regulatory role. MTMR14 has 3 isoforms with molecular weight of 60-72 kDa, and also can be detected as a higher molecular weight due to the heterodimerization with other MTMR members.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Zhaodong Li	30586604	Gene	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

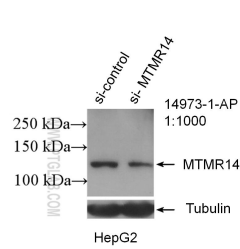
For technical support and original validation data for this product please contact:

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

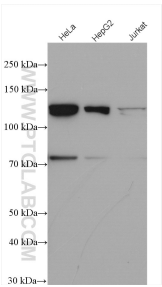
E: proteintech@ptglab.com
W: ptglab.com

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

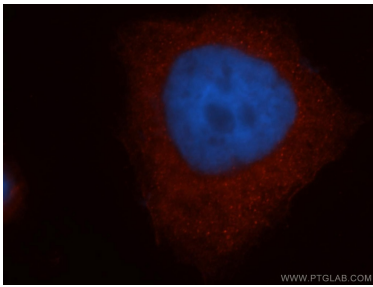
Ausgewählte Validierungsdaten



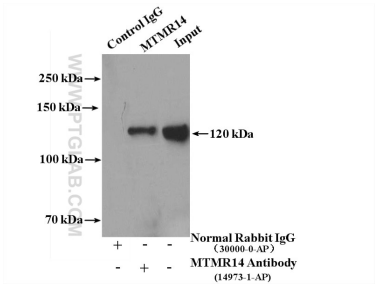
WB result of MTMR14 antibody (14973-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-MTMR14 transfected HepG2 cells.



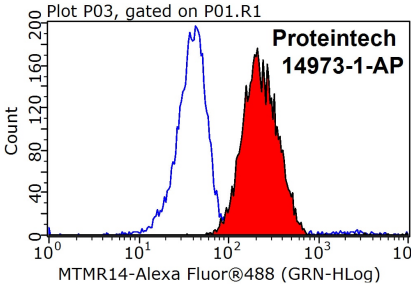
Various lysates were subjected to SDS PAGE followed by western blot with 14973-1-AP (MTMR14 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HeLa cells, using MTMR14 antibody 14973-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-MTMR14 (IP:14973-1-AP, 4ug; Detection:14973-1-AP 1:500) with HeLa cells lysate 2000ug.



1X10^6 HeLa cells were stained with 0.2ug MTMR14 antibody (14973-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.