

À des fins de recherche uniquement

# Anticorps Polyclonal de lapin anti-MOV10



Numéro de catalogue: 10370-1-AP

Phare

27 Publications

## Informations de base

Numéro de catalogue:  
10370-1-AP

Taille:  
150ul, Concentration: 800 µg/ml by Nanodrop and 547 µg/ml by Bradford method using BSA as the standard;

Hôte:  
Lapin

Isotype:  
IgG

Immunogen Catalog Number:  
AG0384

Numéro d'acquisition GenBank:  
BC002548

Identification du gène (NCBI):  
4343

Nom complet:  
Mov10, Moloney leukemia virus 10, homolog (mouse)

MW calculé:  
114 kDa

MW observés:  
110-115 kDa

Méthode de purification:  
Purification par affinité contre l'antigène

Dilutions recommandées:  
WB 1:2000-1:16000  
IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB  
IHC 1:50-1:500  
IF 1:10-1:100

## Applications

Applications testées:  
IF, IHC, IP, WB, ELISA

Demandes citées:  
CoIP, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:  
Humain, rat, souris

Espèces citées:  
Humain, souris

**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 HEK-293, cellules HeLa, cellules HepG2, cellules MCF-7, tissu hépatique de rat, tissu hépatique de souris, tissu hépatique humain

IP : cellules HepG2,

IHC : tissu d'hyperplasie de la prostate humain,

IF : cellules HepG2,

## Informations générales

MOV10, also named as KIAA1631, belongs to the DNA2/NAM7 helicase family and SDE3 subfamily. It is required for RNA-mediated gene silencing by the RNA-induced silencing complex (RISC). Human MOV10 may regulate a wide range of RNA viruses and could also control the retrotransposition of endogenous retroelements in mammals (PMID:22727223). MOV10 has a broad antiretroviral activity that can target a wide range of retroviruses, and it could be actively involved in host defense against retroviral infection. MOV10 can potentially inhibit HIV-1 replication at multiple stages (PMID:20215113). It is involved in the progression of telomerase-catalyzing reaction via the interaction of telomerase protein and telomere DNA.

## Publications notables

Autrice	Pubmed ID	Journal	Application
Goodier John L JL	23093941	PLoS Genet	WB,IF
Małgorzata M. Duszczuk	36202814	Nat Commun	IF
Lea H Gregersen	24726324	Mol Cell	WB

## Stockage

Stockage:

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

Tampon de stockage:

PBS avec azotate 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.

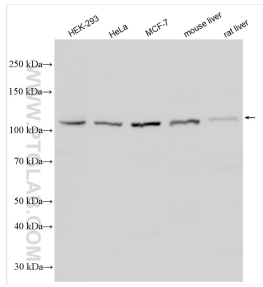
For technical support and original validation data for this product please contact:

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

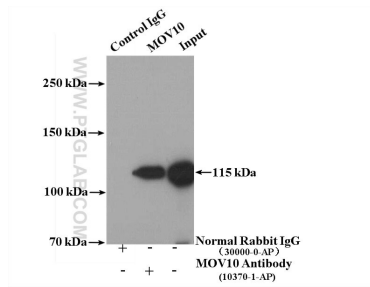
E: proteintech@ptglab.com  
W: ptglab.com

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

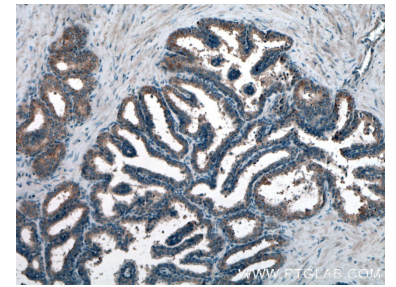
## Données de validation sélectionnées



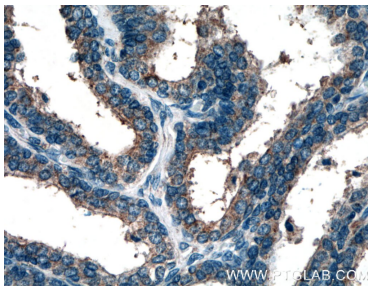
Various lysates were subjected to SDS PAGE followed by western blot with 10370-1-AP (MOV10 antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



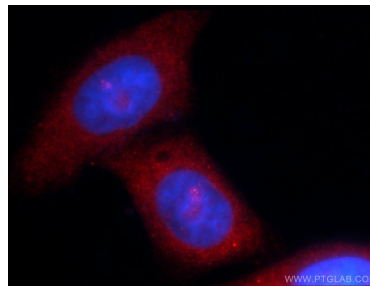
IP result of anti-MOV10 (IP:10370-1-AP, 4ug; Detection:10370-1-AP 1:300) with HepG2 cells lysate 3000 ug.



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 10370-1-AP (MOV10 antibody) at dilution of 1:200 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human prostate hyperplasia tissue slide using 10370-1-AP (MOV10 antibody) at dilution of 1:200 (under 40x lens).



Immunofluorescent analysis of HepG2 cells using 10370-1-AP (MOV10 antibody) at dilution of 1:25 and Rhodamine-Goat anti-Rabbit IgG.