

## MOV10 Polyclonal Antibody

Catalog number: 10370-1-AP

Size: 82 µg/150 µl

Source: Rabbit

Isotype: IgG

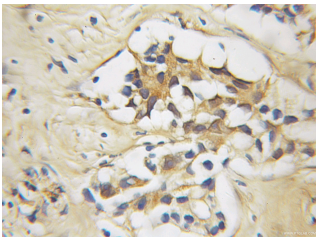
Synonyms:

MOV10; DKFZp667O1423,

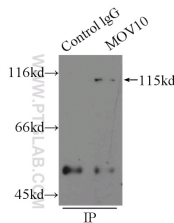
FLJ32791, fSAP113, gb110,

KIAA1631, MOV10, Putative

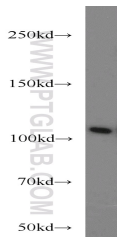
helicase MOV 10



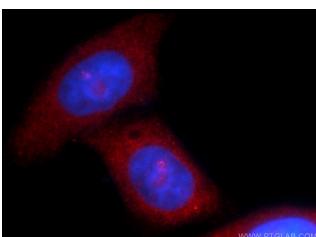
Immunohistochemical of paraffin-embedded human prostate cancer using 10370-1-AP(MOV10 antibody) at dilution of 1:50 (under 25x lens)



IP Result of anti-MOV10 (IP:10370-1-AP, 3µg; Detection:10370-1-AP 1:800) with HepG2 cells lysate 1000µg.



HEK-293 cells were subjected to SDS PAGE followed by western blot with 10370-1-AP(MOV10 antibody) at dilution of 1:800



Immunofluorescent analysis

### Background

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 potently 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.

### Applications

Tested applications:	ELISA, WB, IHC, IP, IF
Cited applications:	IF, IP, WB
Species specificity:	Human, Mouse, Rat; other species not tested.
Cited species:	Human
Calculated MOV10 MW:	114 kDa
Observed MOV10 MW:	110-115 kDa
Positive WB detected in	HEK-293 cells, HeLa cells, HepG2 cells, human liver tissue, mouse liver tissue
Positive IP detected in	HepG2 cells
Positive IHC detected in	Human prostate cancer tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:2000 IP: 1:200-1:2000 IHC: 1:20-1:200 IF: 1:10-1:100

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

Immunogen:	Ag0384
GenBank accession number:	BC002548
Gene ID (NCBI):	4343
Full name:	Mov10, Moloney leukemia virus 10, homolog (mouse)

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.

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