

Rabbit anti-Human MOV10L1 Polyclonal Antibody | anti-MOV10L1 antibody

MOV10L1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234883	Rabbit	Human	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

PRODUCT SYNONYMS

MOV10L1; Polyclonal Antibody; MOV10L1 Antibody; RNA helicase Mov10l1; Moloney leukemia virus 10-like protein 1; anti-MOV10L1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	1165
Applicable Applications for anti-MOV10L1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human RNA helicase Mov10l1 protein (336-425AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of HepG2 cells with AAA234883 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



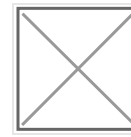
IHC (Immunohistochemistry)

IHC image of AAA234883 diluted at 1:400 and staining in paraffin-embedded human liver cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA234883 diluted at 1:400 and staining in paraffin-embedded human breast cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, PC3 whole cell lysateAll lanes: MOV10L1 antibody at 6.5ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 136, 38, 14, 130, 131 KDaObserved band size: 136 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-MOV10L1 antibody

ATP-dependent RNA helicase required during spermatogenesis to repress transposable elements and prevent their mobilization, which is essential for germline integrity. Acts via the piRNA metabolic process, which mediates the repression of transposable elements during meiosis by forming complexes composed of piRNAs and Piwi proteins and governs the methylation and subsequent repression of transposons. Involved in the primary piRNA metabolic process. Specifically binds to piRNA precursors and promotes the generation of intermediate piRNA processing fragments that are subsequently loaded to Piwi proteins. Acts via its ATP-dependent RNA helicase activity: displays 5'-3' RNA unwinding activity and probably mediates unwinding and funneling of single-stranded piRNA precursor transcripts to the endonuclease that catalyzes the first cleavage step of piRNA processing to generate piRNA intermediate fragments that are subsequently loaded to Piwi proteins.

NCBI AND UNIPROT INFORMATION

NCBI GI #	255759906
NCBI GeneID	54456
NCBI Accession #	NP_001157576.1
NCBI GenBank Nucleotide #	NM_001164104.1
UniProt Accession #	Q9BXT6; Q5TGD5; Q8NBD4; Q9NXW3; Q9UFB3; Q9UGX9; A7E211; A8MXC6; B7WPP1; B7Z7R1; F5H403
Molecular Weight	130,229 Da
NCBI Official Full Name	RNA helicase Mov10l1 isoform 2
NCBI Official Synonym Full Names	Mov10 RISC complex RNA helicase like 1
NCBI Official Symbol	MOV10L1
NCBI Official Synonym Symbols	CHAMP; DJ402G11.8
NCBI Protein Information	RNA helicase Mov10l1
UniProt Protein Name	RNA helicase Mov10l1
UniProt Gene Name	MOV10L1
UniProt Synonym Gene Names	MOV10-like protein 1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/mov10l1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/234883>