

Datasheet for ABIN7268678  
**anti-MOV10 antibody**



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2 Images

## Overview

Quantity:	100 µL
Target:	MOV10
Reactivity:	Human
Host:	Rabbit
Clonality:	Monoclonal
Conjugate:	This MOV10 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Purpose:	MOV10 Rabbit mAb
Immunogen:	A synthesized peptide derived from human MOV10
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Monoclonal Antibodies
Purification:	Affinity purification

## Target Details

Target:	MOV10
Alternative Name:	MOV10 ( <a href="#">MOV10 Products</a> )
Background:	5' to 3' RNA helicase contributing to UPF1 mRNA target degradation by translocation along 3'

## Target Details

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UTRs. Required for microRNA (miRNA-mediated gene silencing by the RNA-induced silencing complex (RISC. Required for both miRNA-mediated translational repression and miRNA-mediated cleavage of complementary mRNAs by RISC. In cooperation with FMR1, regulates miRNA-mediated translational repression by AGO2. Restricts retrotransposition of long interspersed element-1 (LINE-1 in cooperation with TUT4 and TUT7 counteracting the RNA chaperone activity of L1RE1. Facilitates LINE-1 uridylation by TUT4 and TUT7. Required for embryonic viability and for normal central nervous system development and function. Plays two critical roles in early brain development: suppresses retroelements in the nucleus by directly inhibiting cDNA synthesis, while regulates cytoskeletal mRNAs to influence neurite outgrowth in the cytosol (By similarity. May function as a messenger ribonucleoprotein (mRNP clearance factor. Exhibits antiviral activity against dengue virus (DENV.,fSAP113, gb110,Epigenetics & Nuclear Signaling,RNA Binding,MOV10

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Molecular Weight: 114kDa

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Gene ID: 4343

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UniProt: [Q9HCE1](#)

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Pathways: [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling Pathway](#), [Neurotrophin Signaling Pathway](#), [SARS-CoV-2 Protein Interactome](#)

## Application Details

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Application Notes: WB,1:500 - 1:2000

Restrictions: For Research Use only

## Handling

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Format: Liquid

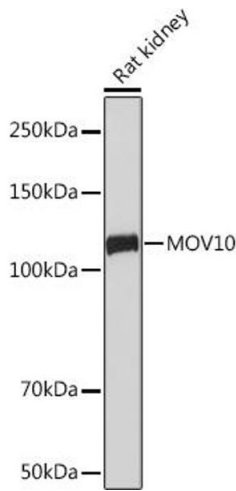
Buffer: PBS with 0.02 % sodium azide,0.05 % BSA,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

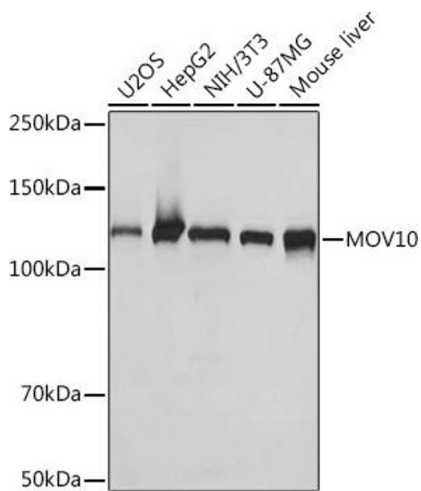
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



### Western Blotting

**Image 1.** Western blot analysis of extracts of Rat kidney, using MOV10 Rabbit mAb (ABIN7268678) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 60s.



### Western Blotting

**Image 2.** Western blot analysis of extracts of various cell lines, using MOV10 Rabbit mAb (ABIN7268678) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.