

Datasheet for ABIN7268678

anti-MOV10 antibody**2** Images[Go to Product page](#)

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 (MOV10 Products)
Background:	5' to 3' RNA helicase contributing to UPF1 mRNA target degradation by translocation along 3'

Target Details

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 chaperonne 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

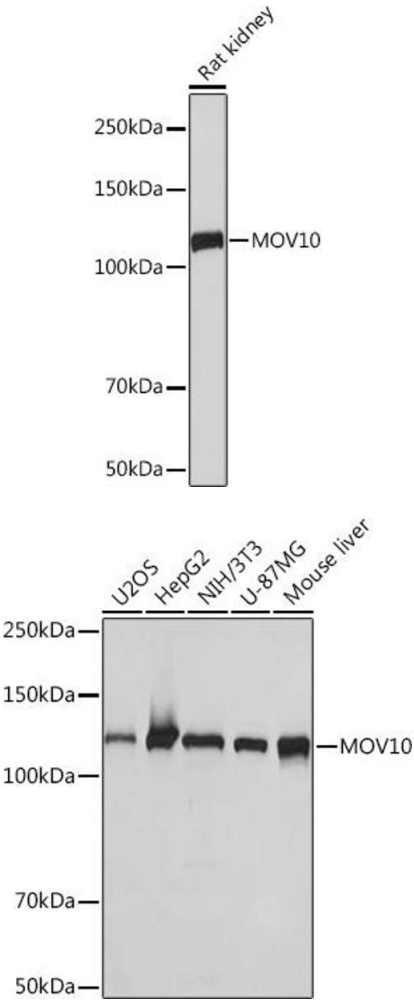
Molecular Weight:	114kDa
Gene ID:	4343
UniProt:	Q9HCE1
Pathways:	Fc-epsilon Receptor Signaling Pathway , EGFR Signaling Pathway , Neurotrophin Signaling Pathway , SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

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.