

DATASHEET

MOV10 Rabbit Polyclonal Antibody

CAT. NO. APA16174

KEY FEATURES

Target	MOV10	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at -20°C

BACKGROUND

5' to 3' RNA helicase that is involved in a number of cellular roles ranging from mRNA metabolism and translation, modulation of viral infectivity, inhibition of retrotransposition, or regulation of synaptic transmission . Plays an important role in innate antiviral immunity by promoting type I interferon production . Mechanistically, specifically uses IKKepsilon/IKBKE as the mediator kinase for IRF3 activation . Blocks HIV-1 virus replication at a post-entry step . Counteracts HIV-1 Vif-mediated degradation of APOBEC3G through its helicase activity by interfering with the ubiquitin-proteasome pathway . Also inhibits hepatitis B virus/HBV replication by interacting with HBV RNA and thereby inhibiting the early step of viral reverse transcription .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

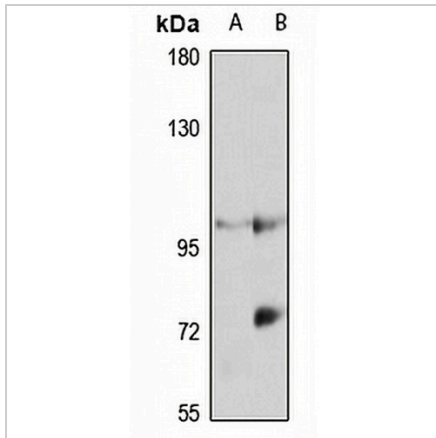
Description	Rabbit polyclonal antibody to MOV10
Specificity	Recognizes endogenous levels of MOV10 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human MOV10. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 6; Observed: 113 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	KIAA1631; Putative helicase MOV-10; Moloney leukemia virus 10 protein
Gene Symbol	MOV10
Entrez Gene	4343(Human); 17454(Mouse)
SwissProt	Q9HCE1(Human); P23249(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of MOV10 expression in mouse lung (A), rat liver (B) whole cell lysates. (Predicted band size: 6; 101; 113 kD; Observed band size: 113 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.