Datasheet for ABIN7600236

anti-MOV10 antibody (AA 167-772)

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Overview

Quantity:	100 µg
Target:	MOV10
Binding Specificity:	AA 167-772
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MOV10 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-MOV10 Antibody Picoband®
Immunogen:	E.coli-derived human MOV10 recombinant protein (Position: H167-Q772).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-MOV10 Antibody Picoband® (ABIN7600236). Tested in ELISA, Flow Cytometry, IF, IHC, ICC, WB applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	MOV10
Alternative Name:	MOV10 (MOV10 Products)
Background:	Synonyms: Prolactin regulatory element-binding protein,Mammalian guanine nucleotide exchange factor mSec12,PREB,SEC12, Tissue Specificity: Ubiquitous. . Background: Putative helicase MOV-10 is an enzyme that in humans is encoded by the MOV10 gene.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). HumanMOV10may regulate a wide range of RNA viruses and could also control the retrotransposition of endogenous retroelements in mammals. 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. It is involved in the progression of telomerase-catalyzing reaction via the interaction of telomerase protein and telomere DNA.
Molecular Weight:	114 kDa
Gene ID:	4343
Pathways:	Fc-epsilon Receptor Signaling Pathway, EGFR Signaling Pathway, Neurotrophin Signaling Pathway, SARS-CoV-2 Protein Interactome

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Immunohistochemistry(Paraffin-embedded Section), 2-5 µg/mL, Human Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10^6 cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Meister, G., Landthaler, M., Peters, L., Chen, P. Y., Urlaub, H., Luhrmann, R., Tuschi, T. Identification of novel Argonaute-associated proteins. Curr. Biol. 15: 2149-2155, 2005. 2. Nagase, T., Kikuno, R., Nakayama, M., Hirosawa, M., Ohara, O. Prediction of the coding sequences of unidentified human genes. XVIII. The complete sequences of 100 new cDNA clones from brain which code for large proteins in vitro. DNA Res. 7: 273-281, 2000.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.