

MOV10L1 Polyclonal Antibody
Catalog # AP71002**Specification**

MOV10L1 Polyclonal Antibody - Product Information

Application	WB, IHC-P
Primary Accession	Q9BXT6
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

MOV10L1 Polyclonal Antibody - Additional Information**Gene ID** 54456**Other Names**

MOV10L1; Putative helicase Mov10l1; Moloney leukemia virus 10-like protein 1; MOV10-like protein 1

Dilution

WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

IHC-P~~N/A

Format

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

Storage Conditions

-20°C

MOV10L1 Polyclonal Antibody - Protein Information**Name** MOV10L1 ([HGNC:7201](#))**Function**

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.

Cellular Location

Cytoplasm {ECO:0000250|UniProtKB:Q99MV5}. Note=Component of the meiotic nuage, also named P granule, a germ-cell- specific organelle required to repress transposon activity during meiosis. {ECO:0000250|UniProtKB:Q99MV5}

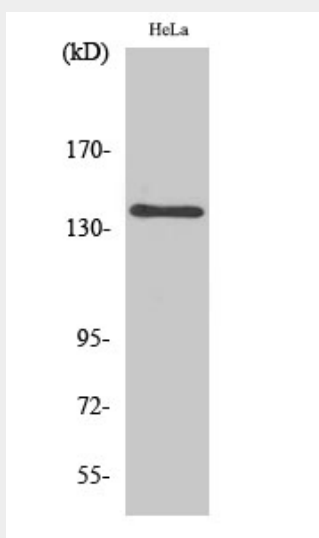
Tissue Location

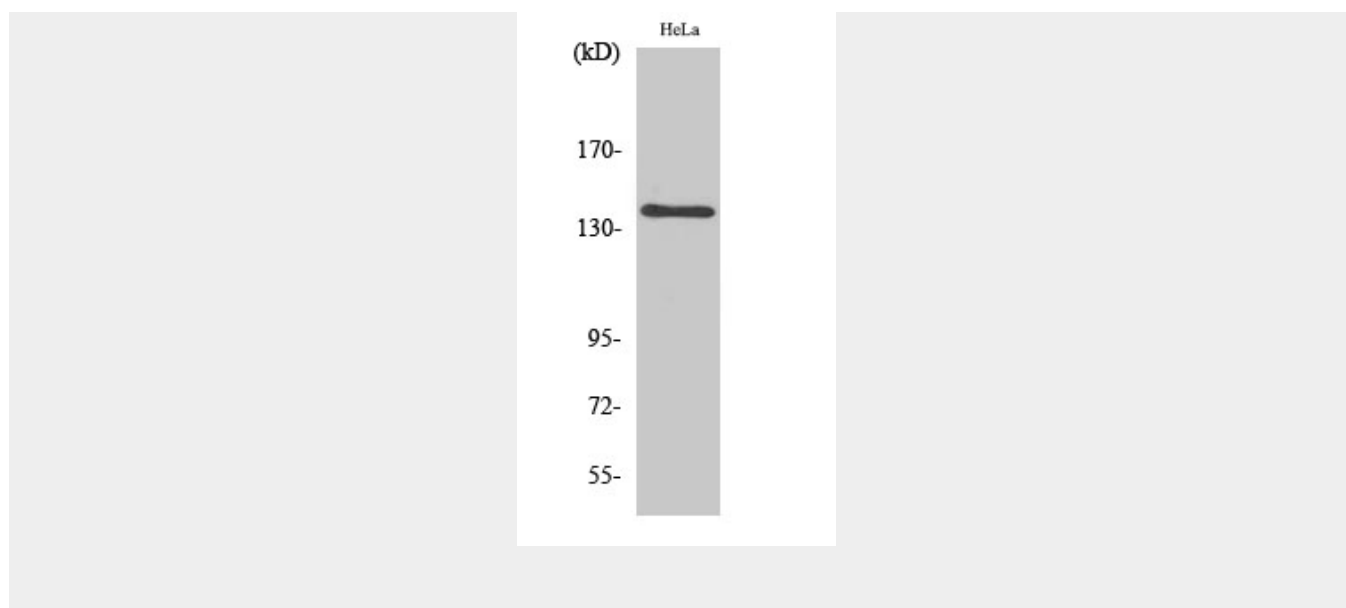
[Isoform 1]: Specifically expressed in testis.

MOV10L1 Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

MOV10L1 Polyclonal Antibody - Images



MOV10L1 Polyclonal Antibody - Background

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