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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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DHX9 monoclonal antibody (M01), clone 3G7

Catalog # : H00001660-M01

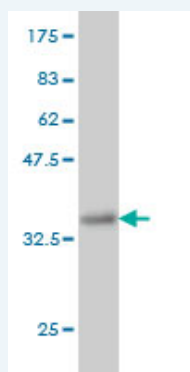
規格 : [100 ug]

[List All](#)

Specification

Product Description:	Mouse monoclonal antibody raised against a partial recombinant DHX9.
Immunogen:	DHX9 (NP_001348, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence:	MGDVKNFLYAWCGKRKMTPSYEIRAVGNKNRQKFMCEVQVEGYNYTG MGNSTNKKDAQSNAARDFVNYLVRINEIKSEEVPAGVASPPP
Host:	Mouse
Reactivity:	Human
Isotype:	IgG1 Kappa

Quality Control Testing: Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (35.64 KDa) .

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS: [Download](#)

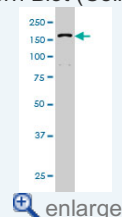
Datasheet: [Download](#)

Publication Reference

- [Roles of the Linker Region of RNA Helicase A in HIV-1 RNA Metabolism.](#)
Xing L, Niu M, Zhao X, Kleiman L PLoS One. 2013 Nov 6;8(11):e78596. doi: 10.1371/journal.pone.0078596.
- [Cellular RNA Binding Proteins NS1-BP and hnRNP K Regulate Influenza A Virus RNA Splicing.](#)
Tsai PL, Chiou NT, Kuss S, Garcia-Sastre A, Lynch KW, Fontoura BM PLoS Pathog. 2013 Jun;9(6):e1003460. doi: 10.1371/journal.ppat.1003460. Epub 2013 Jun 27.
- [In vitro and in vivo analysis of the interaction between RNA helicase A and HIV-1 RNA.](#)
Xing L, Niu M, Kleiman L J Virol. 2012 Sep 26. [Epub ahead of print]
- [Coordinate roles of Gag and RNA helicase A in promoting the annealing of tRNALys3 to](#)

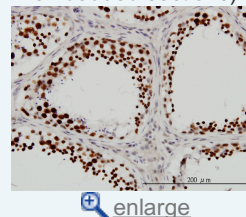
Application Image

Western Blot (Cell lysate)

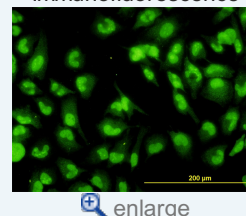


Western Blot (Recombinant protein)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)



Immunofluorescence



Sandwich ELISA (Recombinant protein)

ELISA

HIV-1 RNA.

Xing L, Liang C, Kleiman L.J Virol. 2010 Nov 24. [Epub ahead of print]

5. Functional proteomic analysis of promyelocytic leukaemia nuclear bodies in irradiation-induced MCF-7 cells.

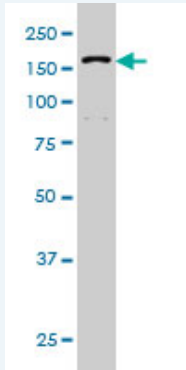
Liu J, Song Y, Tian B, Qian J, Dong Y, Liu J, Liu B, Sun Z.J Biochem. 2010 Dec;148(6):659-67. Epub 2010 Sep 7.

6. RNA Helicase A Interacts with RISC in Human Cells and Functions in RISC Loading.

Robb GB, Rana TM.Mol Cell. 2007 May 25;26(4):523-37.

Applications

Western Blot (Cell lysate)



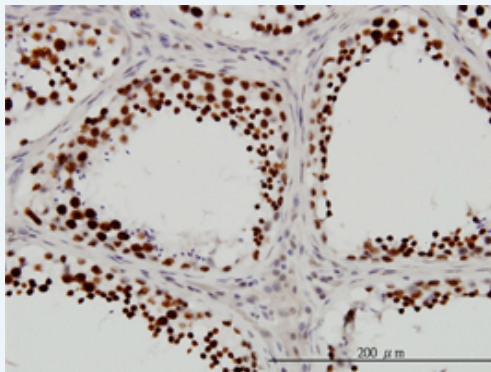
DHX9 monoclonal antibody (M01), clone 3G7 Western Blot analysis of DHX9 expression in HeLa S3 NE (Cat # L013V3).

 [Protocol Download](#)

Western Blot (Recombinant protein)

 [Protocol Download](#)

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

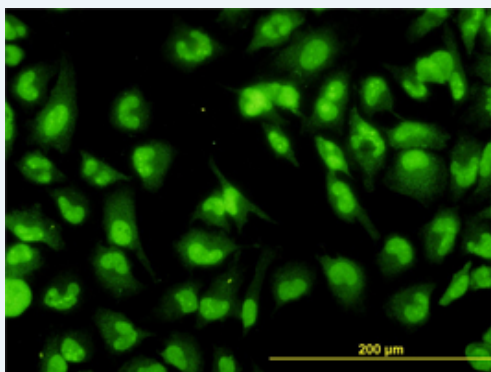



 [enlarge this image](#)

Immunoperoxidase of monoclonal antibody to DHX9 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]


 [Protocol Download](#)

Immunofluorescence




 [enlarge this image](#)

Immunofluorescence of monoclonal antibody to DHX9 on HeLa cell. [antibody concentration 10 ug/ml]

 [Protocol Download](#)

Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged DHX9 is approximately 3ng/ml as a capture antibody.

 [Protocol Download](#)

ELISA

Gene Information

Entrez GeneID: [1660](#)

**GeneBank
Accession#:** [NM_001357](#)

**Protein
Accession#:** [NP_001348](#)

Gene Name: DHX9

Gene Alias: DDX9,LKP,NDHII,RHA

**Gene
Description:** DEAH (Asp-Glu-Ala-His) box polypeptide 9

Omim ID: [603115](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. This gene encodes a DEAD box protein with RNA helicase activity. It may participate in melting of DNA:RNA hybrids, such as those that occur during transcription, and may play a role in X-linked gene expression. It contains 2 copies of a double-stranded RNA-binding domain, a DEXH core domain and an RGG box. The RNA-binding domains and RGG box influence and regulate RNA helicase activity. [provided by RefSeq]

**Other
Designations:** ATP-dependent RNA helicase A,DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 9 (RNA helicase A),DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 9 (RNA helicase A, nuclear DNA helicase II; leukophysin),DEAD/H box-9 (nuclear DNA helicase II; RNA helicase A),OTTHU

Related Disease

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