

Product Datasheet

RNA Helicase A Antibody (3G7) - Azide and BSA Free H00001660-M01

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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H00001660-M01

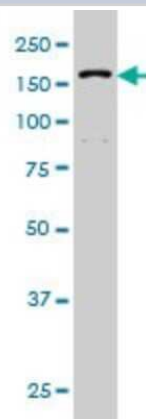
RNA Helicase A Antibody (3G7) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	3G7
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1660
Gene Symbol	DHX9
Species	Human
Specificity/Sensitivity	DHX9 - DEAH (Asp-Glu-Ala-His) box polypeptide 9
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. MGDVKNFLYAWCGKRKMTPSYEIRAVGNKNRQKFMCEVQVEGYNYTGMGNS TNKKDAQSNAARDFVNYLVRINEIKSEEVPAFGVASPPP
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin
Application Notes	Antibody reactivity against recominant protein and cell lysate for WB. It has also been used for IF, IHC-P and ELISA.

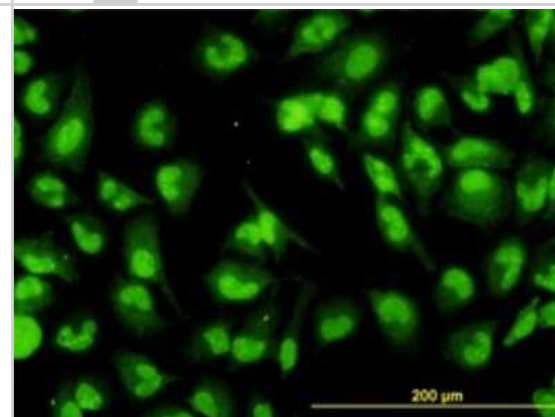


Images

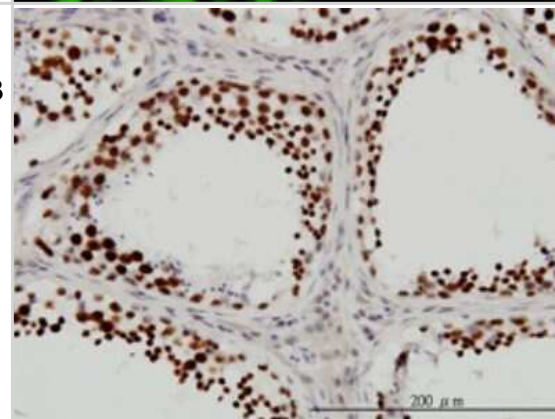
Western Blot: RNA Helicase A Antibody (3G7) [H00001660-M01] - DHX9 monoclonal antibody (M01), clone 3G7 Analysis of DHX9 expression in HeLa S3 NE.



Immunocytochemistry/Immunofluorescence: RNA Helicase A Antibody (3G7) [H00001660-M01] - Analysis of monoclonal antibody to DHX9 on HeLa cell. Antibody concentration 10 ug/ml.



Immunohistochemistry-Paraffin: RNA Helicase A Antibody (3G7) [H00001660-M01] - Analysis of monoclonal antibody to DHX9 on formalin-fixed paraffin-embedded human testis. Antibody concentration 3 ug/ml.



Publications

Robb GB, Rana TM. RNA Helicase A Interacts with RISC in Human Cells and Functions in RISC Loading. *Mol Cell*. 2007-05-25 [PMID: 17531811]

Liu J, Song Y, Tian B et al. Functional proteomic analysis of promyelocytic leukaemia nuclear bodies in irradiation-induced MCF-7 cells. *J Biochem*. 2010-09-07 [PMID: 20823370]

Xing L, Liang C, Kleiman L. Coordinate roles of Gag and RNA helicase A in promoting the annealing of tRNA^{Lys3} to HIV-1 RNA. *J Virol*. 2010-11-24 [PMID: 21106734]

Xing L, Niu M, Kleiman L. In vitro and in vivo analysis of the interaction between RNA helicase A and HIV-1 RNA. *J Virol*. 2012-09-26 [PMID: 23015696]

Tsai PL, Chiou NT, Kuss S et al. Cellular RNA Binding Proteins NS1-BP and hnRNP K Regulate Influenza A Virus RNA Splicing. *PLoS Pathog*. 2013-06-27 [PMID: 23825951]

Xing L, Niu M, Zhao X, Kleiman L. Roles of the Linker Region of RNA Helicase A in HIV-1 RNA Metabolism. *PLoS One*. 2013-11-06 [PMID: 24223160]

Chen Zhi Xiong, Wallis Karin, Fell Stuart M et al. RNA helicase A is a downstream mediator of KIF1B β tumor-suppressor function in neuroblastoma. *Cancer Discov*. 2014-01-27 [PMID: 24469107] (WB)





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Products Related to H00001660-M01

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00001660-Q01-10ug	Recombinant Human RNA Helicase A GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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