

Product Datasheet

DDX6 Antibody (3D2) - Azide and BSA Free H00001656-M01

Unit Size: 0.1 mg

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

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H00001656-M01

DDX6 Antibody (3D2) - 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	3D2
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	IgG purified
Buffer	In 1x PBS, pH 7.4

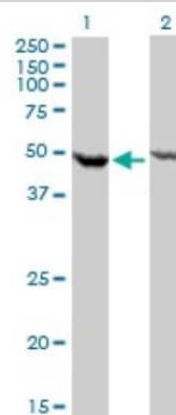
Product Description	
Description	Quality control test: Antibody Reactive Against Recombinant Protein.
Host	Mouse
Gene ID	1656
Gene Symbol	DDX6
Species	Human, Mouse, Rat
Specificity/Sensitivity	DDX6 - DEAD (Asp-Glu-Ala-Asp) box polypeptide 6
Immunogen	DDX6 (AAH65007, 1 a.a. ~ 483 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa. MSTARTENPVIMGLSSQNGQLRGPVKPTGGPGGGGTQTQQQMNQLKNTNTI NNGTQQQAQSMTTTTIKPGDDWKKTLKLPPKDLRIKTS DVTSTKGNEFEDYCLK RELLMGIFEMGWKPSPIQEESIPIALSGRDILARAKNGTGKSGAYLIPLLERLDL KKDNIQAMVIVPTRELALQVSQICIQVSKHMGGAKVMATTGGTNLRDDIMRLDD TVHVVIATPGRILDLIKKGVAKVDHVQMIVLDEADKLLSQDFVQIMEDIILTLPKNR QILLYSATFPLSVQKFMNSHLQKPYEINLMEELTLKGVQTQYYAYVTERQKVHCL NTLFSRLQINQSIIFCNSSQRVELLAKKISQLGYSCFYIHAKMRQEHRNRVHDF RNGLCRNLVCTDLFTRGIDIQAVNVVINFD FPKLAETYLHRIGRSGRFGHLGLAI NLITYDDR FNLKSIEEQLGTEIKPIPSNIDKSLYVAEYHSEPVEDEKP
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, Knockdown Validated
Recommended Dilutions	Western Blot 1:500, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry-Paraffin, Knockdown Validated
Application Notes	Antibody reactivity against cell lysate and recombinant protein for WB. It has also been used for IHC-P, RNAi Validation and ELISA.

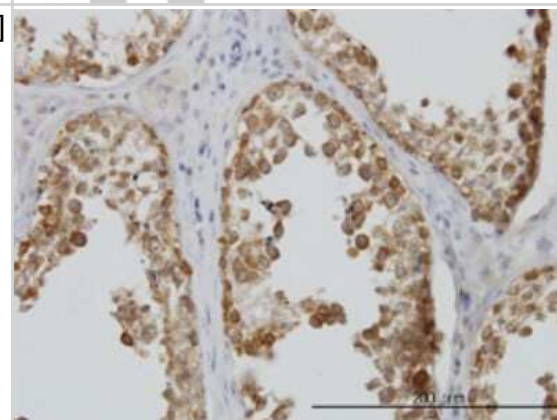


Images

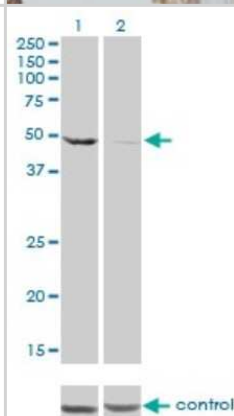
Western Blot: DDX6 Antibody (3D2) [H00001656-M01] - Analysis of DDX6 expression in transfected 293T cell line by DDX6 monoclonal antibody (M01), clone 3D2. Lane 1: DDX6 transfected lysate(53.2 KDa). Lane 2: Non-transfected lysate.



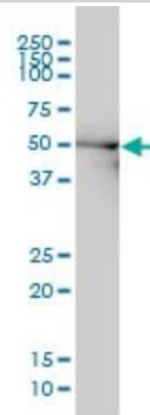
Immunohistochemistry-Paraffin: DDX6 Antibody (3D2) [H00001656-M01] - Analysis of monoclonal antibody to DDX6 on formalin-fixed paraffin-embedded human testis. Antibody concentration 3 ug/ml.



Western Blot: DDX6 Antibody (3D2) [H00001656-M01] - Analysis of DDX6 over-expressed 293 cell line, cotransfected with DDX6 Validated Chimera RNAi (Cat # H00001656-R01V) (Lane 2) or non-transfected control (Lane 1). Blot probed with DDX6 monoclonal antibody (M01), clone 3D2 (Cat # H00001656-M01). GAPDH (36.1 kDa) used as specificity and loading control.



Western Blot: DDX6 Antibody (3D2) [H00001656-M01] - DDX6 monoclonal antibody (M01), clone 3D2 Analysis of DDX6 expression in Hela.



Publications

Hildebrandt M, Wang Y, Li L et al. Cytoplasmic aggregation of DDX1 in developing embryos: Early embryonic lethality associated with Ddx1 knockout. *Dev Biol.* 2019-07-19 [PMID: 31330130]

Yu SF, Lujan P, Jackson DL et al. The DEAD-box RNA Helicase DDX6 is Required for Efficient Encapsidation of a Retroviral Genome. *PLoS Pathog.* 2011-10-13 [PMID: 22022269]

Kawahara C, Yokota S, Fujita H. DDX6 localizes to nuage structures and the annulus of mammalian spermatogenic cells. *Histochem Cell Biol.* 2013-10-20 [PMID: 24141902]

Broytman O, Westmark PR, Gurel Z et al. Rck/p54 interacts with APP mRNA as part of a multi-protein complex enhances APP mRNA protein expression in neuronal cell lines. *Neurobiol Aging.* 2008-03-28 [PMID: 18378046]





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Products Related to H00001656-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)
H00001656-P01-10ug	Recombinant Human DDX6 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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