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DDX6 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a full length recombinant DDX6.
Catalog # AT1743a

Product Information

Application	WB, IHC, E
Primary Accession	P26196
Other Accession	BC065007
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 kappa
Clone Names	3D2
Calculated MW	54417

Additional Information

Gene ID	1656
Other Names	Probable ATP-dependent RNA helicase DDX6, ATP-dependent RNA helicase p54, DEAD box protein 6, Oncogene RCK, DDX6, HLR2, RCK
Target/Specificity	DDX6 (AAH65007, 1 a.a. ~ 483 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 IHC~~1:100~500 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	DDX6 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

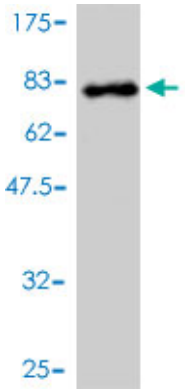
This gene encodes a member of the DEAD box protein family. The protein is an RNA helicase found in P-bodies and stress granules, and functions in translation suppression and mRNA degradation. It is required for microRNA-induced gene silencing.

References

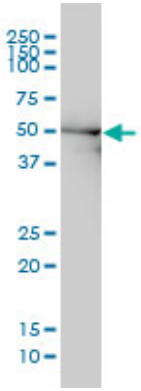
1.DDX6 localizes to nuage structures and the annulus of mammalian spermatogenic cells.Kawahara C, Yokota S, Fujita HHistochem Cell Biol. 2013 Oct 20.2.The DEAD-box RNA Helicase DDX6 is Required for Efficient Encapsidation of a Retroviral Genome.Yu SF, Lujan P, Jackson DL, Emerman M, Linial ML.PLoS

Pathog. 2011 Oct;7(10):e1002303. Epub 2011 Oct 13.3.Rck/p54 interacts with APP mRNA as part of a multi-protein complex and enhances APP mRNA and protein expression in neuronal cell lines.Broytman O, Westmark PR, Gurel Z, Malter JS.Neurobiol Aging. 2008 Mar 28 [Epub ahead of print]

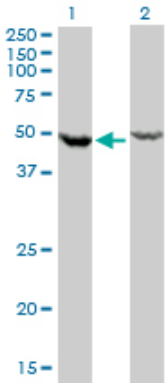
Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (78.87 KDa) .

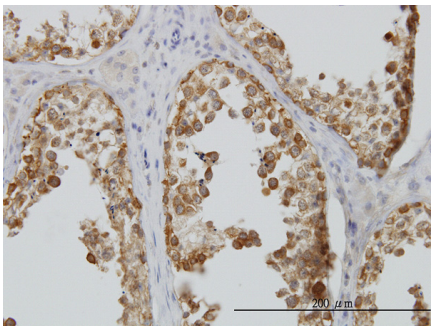


DDX6 monoclonal antibody (M01), clone 3D2 Western Blot analysis of DDX6 expression in Hela ((Cat # AT1743a)



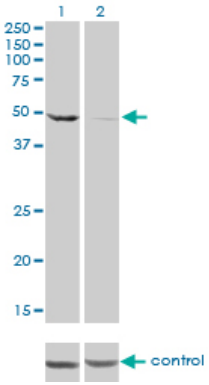
Western Blot analysis of DDX6 expression in transfected 293T cell line by DDX6 monoclonal antibody (M01), clone 3D2.

Lane 1: DDX6 transfected lysate(53.2 KDa).
Lane 2: Non-transfected lysate.



Immunoperoxidase of monoclonal antibody to DDX6 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

Detection limit for recombinant GST tagged DDX6 is approximately 10ng/ml as a capture antibody.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.