

DDX6 Antibody (monoclonal) (M01)**Mouse monoclonal antibody raised against a full length recombinant DDX6.****Catalog # AT1743a****Specification**

DDX6 Antibody (monoclonal) (M01) - Product Information

Application	WB, IHC
Primary Accession	P26196
Other Accession	BC065007
Reactivity	Human
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 kappa
Calculated MW	54417

DDX6 Antibody (monoclonal) (M01) - 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

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.

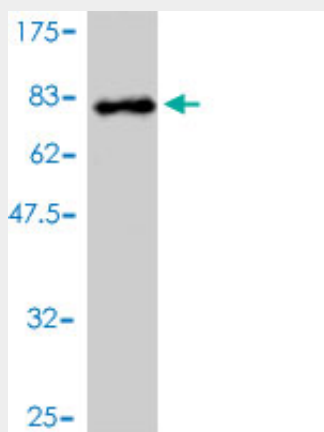
DDX6 Antibody (monoclonal) (M01) - Protocols

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

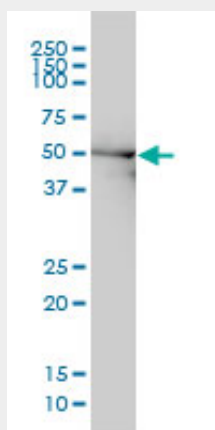
- [Western Blot](#)
- [Blocking Peptides](#)

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

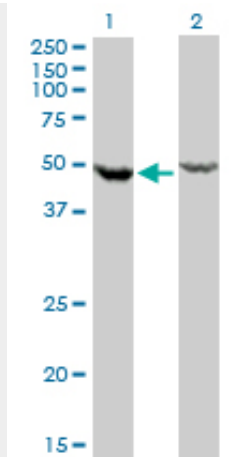
DDX6 Antibody (monoclonal) (M01) - Images



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



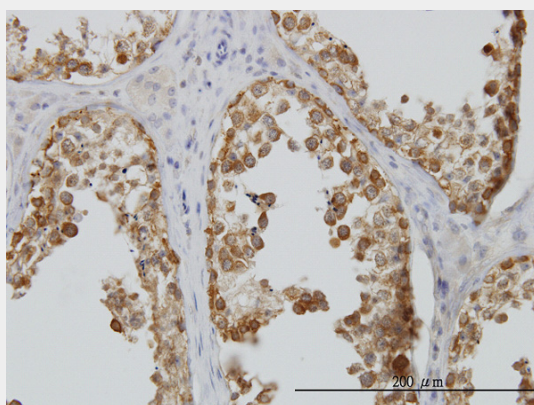
DDX6 monoclonal antibody (M01), clone 3D2 Western Blot analysis of DDX6 expression in HeLa (Cat # AT1743a)



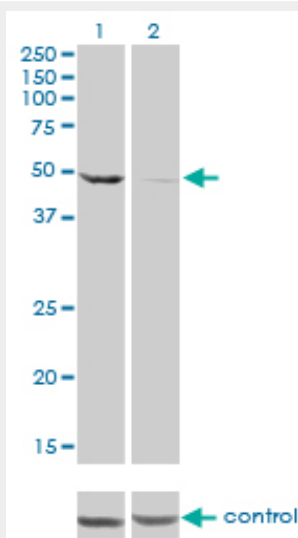
Western Blot analysis of DDX6 expression in transfected 293T cell line by DDX6 monoclonal antibody (M01), clone 3D2.

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.

DDX6 Antibody (monoclonal) (M01) - 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.

DDX6 Antibody (monoclonal) (M01) - 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]