



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



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

### SZABO-SCANDIC HandelsgmbH

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[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## DDX6 monoclonal antibody (M01), clone 3D2

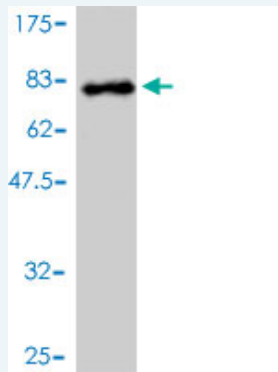
Catalog # : H00001656-M01

規格 : [ 100 ug ]

[List All](#)

### Specification

<b>Product Description:</b>	Mouse monoclonal antibody raised against a full length recombinant DDX6.
<b>Immunogen:</b>	DDX6 (AAH65007, 1 a.a. ~ 483 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence:</b>	MSTARTENPVMIGLSSQNGQLRGPVKPTGGPGGGGTQTQQQMNLK NTNTINNGTQQQAQSMTTTIKPGDDWKKTLKLPKDLRIKTSVSTKGN EFEDYCLKRELLMGIFEMGWKPSPIQEEIPIALSGRDILARAKNGTGKS GAYLIPLLERLDLKKDNIQAMVIVPTRELALQVSIQICVSKHMGGAKVMA TTGGTNLRDDIMRLDDTVHVIATPGRILDLIKGVAKVDHVQMIVLDEAD KLLSQDFVQIMEDIILTLPKNRQILLYSATFPLSVQKFMNSHLQKPYEINLM EELTLKGVYQYYAVYTERQKVHCLNTLFSRLQINQSIIFCNSSQRVELLAK KISQLGYSCFYIYHAKMRQEHRNRVHFDFRNGLCRNLVCTDLFTRGIDIQA VNVVINFDFPKLAETYLHRIGRSGRFHGLGLAINLITYDDRFNLKSIEEQLG TEIKPIPSNIDKSLYVAEYHSEPVDEKPK
<b>Host:</b>	Mouse
<b>Reactivity:</b>	Human
<b>Isotype:</b>	IgG1 kappa
<b>Quality Control Testing:</b>	Antibody Reactive Against Recombinant Protein.



Western Blot detection against Immunogen (78.87 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](#)

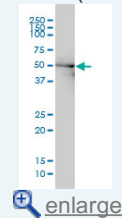
**Datasheet:** [Download](#)

### Publication Reference

- [DDX6 localizes to nuage structures and the annulus of mammalian spermatogenic cells.](#)  
Kawahara C, Yokota S, Fujita H-Histochem Cell Biol. 2013 Oct 20.
- [The DEAD-box RNA Helicase DDX6 is Required for Efficient Encapsidation of a](#)

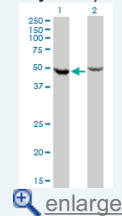
### Application Image

Western Blot (Cell lysate)



[enlarge](#)

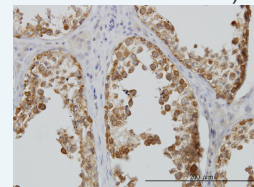
Western Blot (Transfected lysate)



[enlarge](#)

Western Blot (Recombinant protein)

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

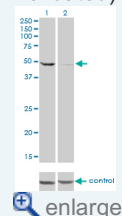


[enlarge](#)

Sandwich ELISA (Recombinant protein)

ELISA

RNAi Knockdown (Antibody validated)



[enlarge](#)

### Retroviral Genome.

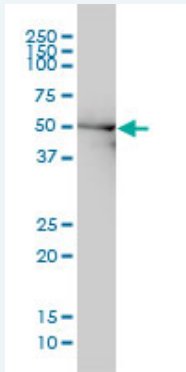
Yu SF, Lujan P, Jackson DL, Emerman M, Linial ML. PLoS Pathog. 2011 Oct;7(10):e1002303. Epub 2011 Oct 13.

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]

## Applications

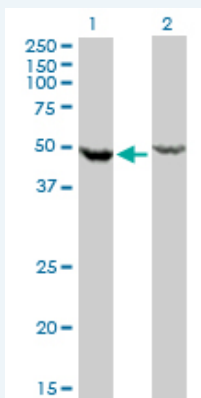
### Western Blot (Cell lysate)



DDX6 monoclonal antibody (M01), clone 3D2 Western Blot analysis of DDX6 expression in Hela ( Cat # L013V1 ).

 [Protocol Download](#)

### Western Blot (Transfected lysate)



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

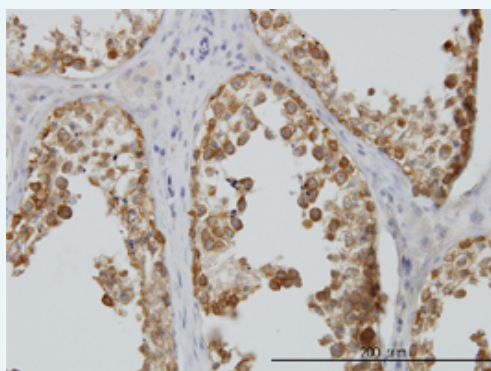
Lane 1: DDX6 transfected lysate(53.2 KDa).  
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

### Western Blot (Recombinant protein)

 [Protocol Download](#)

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



 [enlarge this image](#)

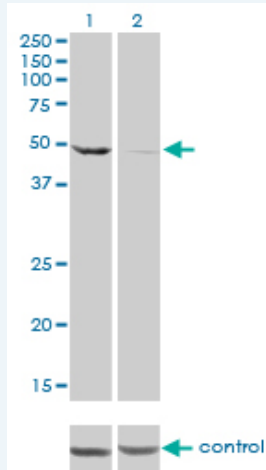
Immunoperoxidase of monoclonal antibody to DDX6 on formalin-fixed paraffin-embedded human testis. [antibody concentration 3 ug/ml]

### Sandwich ELISA (Recombinant protein)

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

### ELISA

#### RNAi Knockdown (Antibody validated)



Western blot 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.

### Gene Information

Entrez GeneID: [1656](#)

GeneBank [BC065007](#)  
Accession#:

Protein [AAH65007](#)  
Accession#:

Gene Name: DDX6

Gene Alias: FLJ36338,HLR2,P54,RCK

Gene Description: DEAD (Asp-Glu-Ala-Asp) box polypeptide 6

Omim ID: [600326](#)

Gene Ontology: [Hyperlink](#)

**Gene Summary:** 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. [provided by RefSeq]

**Other Designations:** DEAD box-6,DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 6 (RNA helicase, 54kD)

### Gene Pathway

[RNA degradation](#)

