

产品名称: DDX3X Mouse Monoclonal Antibody
产品货号: AMM81618



产品概述 (Summary)

产品名称 (Production Name)	DDX3X Mouse Monoclonal Antibody
描述 (Description)	Mouse monoclonal Antibody
宿主 (Host)	Mouse
应用 (Application)	WB,IHC,ICC,ELISA,FC
种属反应性 (Reactivity)	Human,Mouse,Rat,Monkey,Rabbit

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	Mouse IgG2a
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Purified antibody in PBS with 0.05% sodium azide
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	DDX3X
别名 (Alternative Names)	DBX; DDX3; HLP2; DDX14; CAP-Rf
基因 ID (Gene ID)	1654.0
蛋白 ID (SwissProt ID)	O00571.Purified recombinant fragment of human DDX3X (AA: 518-661) expressed in E. Coli.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:100-1:500,ICC 1:50-1:500,ELISA 1:5000-1:20000,FC 1:200-1:400
蛋白分子量 (Molecular Weight)	73.2kDa

研究背景 (Background)

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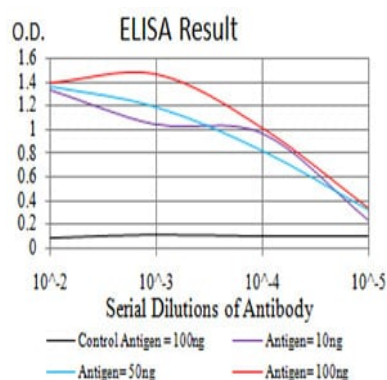


The protein encoded by this gene is a member of the large DEAD-box protein family, that is defined by the presence of the conserved Asp-Glu-Ala-Asp (DEAD) motif, and has ATP-dependent RNA helicase activity. This protein has been reported to display a high level of RNA-independent ATPase activity, and unlike most DEAD-box helicases, the ATPase activity is thought to be stimulated by both RNA and DNA. This protein has multiple conserved domains and is thought to play roles in both the nucleus and cytoplasm. Nuclear roles include transcriptional regulation, mRNP assembly, pre-mRNA splicing, and mRNA export. In the cytoplasm, this protein is thought to be involved in translation, cellular signaling, and viral replication. Misregulation of this gene has been implicated in tumorigenesis. This gene has a paralog located in the nonrecombining region of the Y chromosome. Pseudogenes sharing similarity to both this gene and the DDX3Y paralog are found on chromosome 4 and the X chromosome. Alternative splicing results in multiple transcript variants.

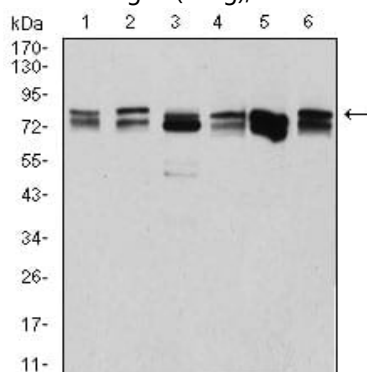
研究领域 (Research Area)

Apoptosis

图片 (Image Data)

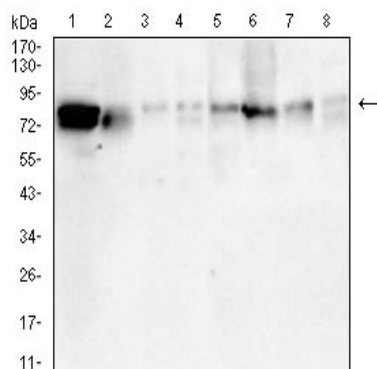


Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

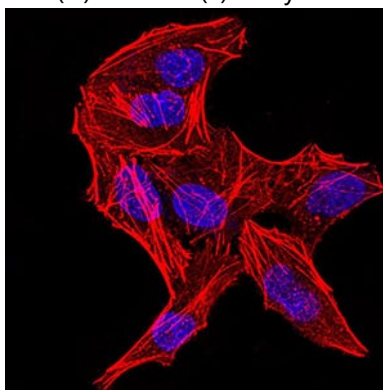


Western blot analysis using DDX3X mouse mAb against Hela (1), NIH3T3 (2), C6 (3), COS7 (4), A431 (5), and HEK293 (6) cell lysate.

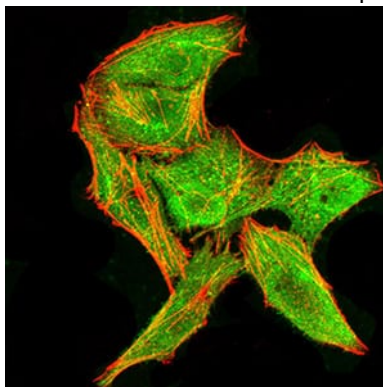
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Western blot analysis using DDX3X mouse mAb against PC-12(1) Raw264.7(2)NIH/3T3 (3) NRK(4)C6(5)F9(6)COS-7(8)CHO3D10(8) cell lysate.

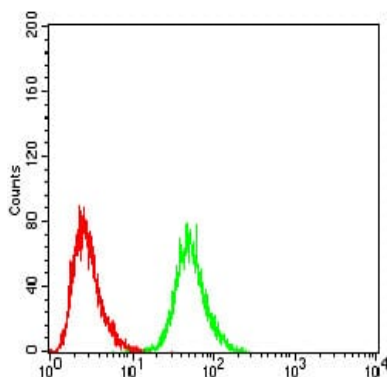


Immunofluorescence analysis of HeLa cells using DDX3X mouse mAb. Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.

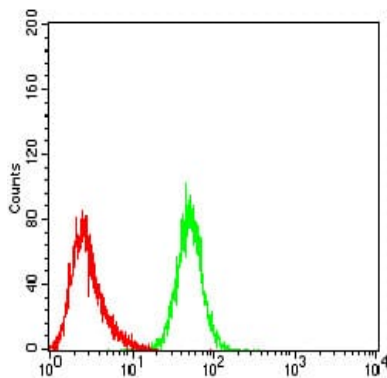


Immunofluorescence analysis of HeLa cells using DDX3X mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)

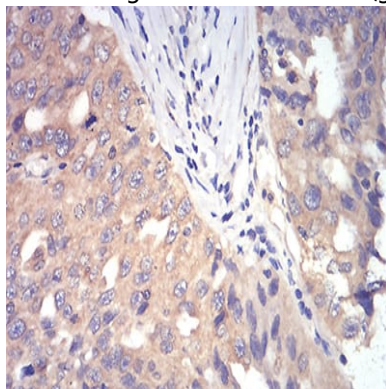
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Flow cytometric analysis of HeLa cells using DDX3X mouse mAb (green) and negative control (red).

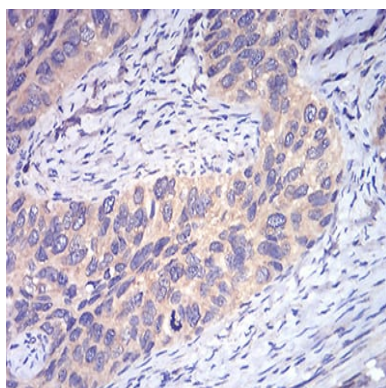


Flow cytometric analysis of HepG2 cells using DDX3X mouse mAb (green) and negative control (red).



Immunohistochemical analysis of paraffin-embedded human ovarian cancer tissues using DDX3X mouse mAb with DAB staining.

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Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using DDX3X mouse mAb with DAB staining.

注意事项 (Note)

For research use only .