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Datasheet for ABIN6139494 anti-DDX3X antibody (AA 1-220)

/ Images



Overview

Quantity:	100 μL
Target:	DDX3X
Binding Specificity:	AA 1-220
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX3X antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Immunoprecipitation (IP)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-220 of
	human DDX3X (NP_001347.3).
Sequence:	MSHVAVENAL GLDQQFAGLD LNSSDNQSGG STASKGRYIP PHLRNREATK GFYDKDSSGW
	SSSKDKDAYS SFGSRSDSRG KSSFFSDRGS GSRGRFDDRG RSDYDGIGSR GDRSGFGKFE
	RGGNSRWCDK SDEDDWSKPL PPSERLEQEL FSGGNTGINF EKYDDIPVEA TGNNCPPHIE
	SFSDVEMGEI IMGNIELTRY TRPTPVQKHA IPIIKEKRDL
Isotype:	lgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies
Purification:	Affinity purification

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Target Details	
Target:	DDX3X
Alternative Name:	DDX3X (DDX3X Products)
Background:	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.,DDX3X,CAP-
	Rf,DBX,DDX14,DDX3,HLP2,MRX102,Epigenetics & Nuclear Signaling,RNA Binding,Cell Biology &
	Developmental Biology,Stem Cells,Embryonic Stem Cells,DDX3X
Molecular Weight:	71 kDa/73 kDa
Gene ID:	1654
UniProt:	000571
Pathways:	Ribonucleoprotein Complex Subunit Organization, Positive Regulation of Endopeptidase Activity , Negative Regulation of intrinsic apoptotic Signaling, Ribosome Assembly

Application Details

Application Notes:	WB,1:500 - 1:2000,IHC,1:50 - 1:200,IF,1:50 - 1:200,IP,1:50 - 1:200	
Comment:	HIGH QUALITY	
Restrictions:	For Research Use only	

Handling

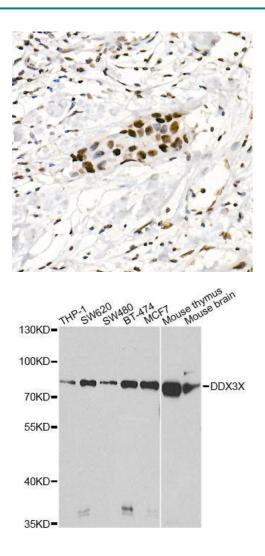
Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide

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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



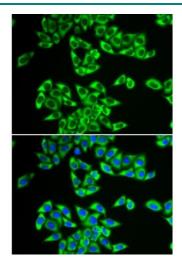
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human placenta using DDX3X Rabbit pAb (ABIN6130252, ABIN6139494, ABIN6139495 and ABIN6221274) at dilution of 1:100 (40x lens).Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

Western Blotting

Image 2. Western blot analysis of extracts of various cell lines, using DDX3X Antibody.

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Immunofluorescence

Image 3. Immunofluorescence analysis of HeLa cells using

DDX3X antibody.

Please check the product details page for more images. Overall 7 images are available for ABIN6139494.

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