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Datasheet for ABIN5542508 anti-DDX3X antibody (AA 518-661)

10 Images



Overview

Quantity:	0.1 mg
Target:	DDX3X
Binding Specificity:	AA 518-661
Reactivity:	Human, Mouse, Rat, Monkey
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This DDX3X antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human DDX3X (AA: 518-661) expressed in E. coli.
Clone:	3B9E3
Isotype:	lgG2a
Purification:	purified

Target Details

Target:	DDX3X
Alternative Name:	DDX3X (DDX3X Products)
Background:	Description: The protein encoded by this gene is a member of the large DEAD-box protein

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Gene ID:	1654
Molecular Weight:	73.2 kDa
	Aliases: DBX, DDX3, HLP2, DDX14, CAP-Rf
	chromosome. Alternative splicing results in multiple transcript variants.,
	similarity to both this gene and the DDX3Y paralog are found on chromosome 4 and the X
	paralog located in the nonrecombining region of the Y chromosome. Pseudogenes sharing
	replication. Misregulation of this gene has been implicated in tumorigenesis. This gene has a
	cytoplasm, this protein is thought to be involved in translation, cellular signaling, and viral
	transcriptional regulation, mRNP assembly, pre-mRNA splicing, and mRNA export. In the
	and is thought to play roles in both the nucleus and cytoplasm. Nuclear roles include
	thought to be stimulated by both RNA and DNA. This protein has multiple conserved domains
	RNA-independent ATPase activity, and unlike most DEAD-box helicases, the ATPase activity is
	ATP-dependent RNA helicase activity. This protein has been reported to display a high level of
	family, that is defined by the presence of the conserved Asp-Glu-Ala-Asp (DEAD) motif, and has

HGNC:	1654
Pathways:	Ribonucleoprotein Complex Subunit Organization, Positive Regulation of Endopeptidase Activity
	, Negative Regulation of intrinsic apoptotic Signaling, Ribosome Assembly

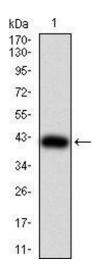
Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
Restrictions:	For Research Use only

Handling

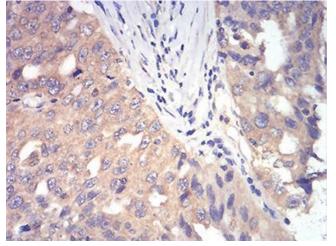
Format:	Liquid
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage

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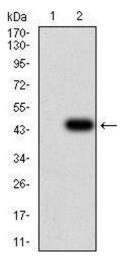
Western Blotting

Image 1. Western blot analysis using DDX3X mAb against human DDX3X (AA: 518-661) recombinant protein. (Expected MW is 41.4 kDa)



Immunohistochemistry

Image 2. 0:Immunohistochemical analysis of paraffinembedded ovarian cancer tissues using DDX3X mouse mAb with DAB staining.



Western Blotting

Image 3. Western blot analysis using DDX3X mAb against HEK293 (1) and DDX3X (AA: 518-661)-hIgGFc transfected HEK293 (2) cell lysate.

Please check the product details page for more images. Overall 10 images are available for ABIN5542508.

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