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# anti-DDX3X antibody (AA 518-661)





## Overview

Quantity:	0.1 mg
Target:	DDX3X
Binding Specificity:	AA 518-661
Reactivity:	Human
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:	3B9G8
Isotype:	IgG1
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

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.,

Aliases: DBX, DDX3, HLP2, DDX14, CAP-Rf

Molecular Weight:	73.2 kDa
Gene ID:	1654
HGNC:	1654

Pathways:

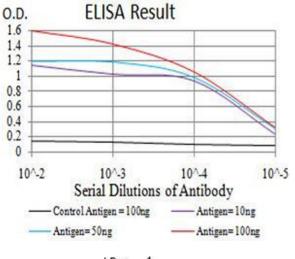
Ribonucleoprotein Complex Subunit Organization, Positive Regulation of Endopeptidase Activity , Negative Regulation of intrinsic apoptotic Signaling, Ribosome Assembly

# Application Details

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

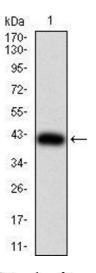
# Handling

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



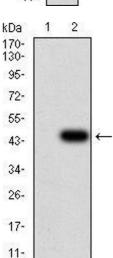
## **ELISA**

**Image 1.** Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



### **Western Blotting**

**Image 2.** Western blot analysis using DDX3X mAb against human DDX3X (AA: 518-661) recombinant protein. (Expected MW is 41.4 kDa)



# **Western Blotting**

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

Please check the product details page for more images. Overall 4 images are available for ABIN5542509.