

anti-Human, Mouse DDX3X Polyclonal Antibody | anti-DDX3X antibody

DDX3X Polyclonal Antibody

CATALOG # AAA37648	REACTIVITY Human, Mouse	APPLICATIONS Immunofluorescence, Western Blot
------------------------------	-----------------------------------	---

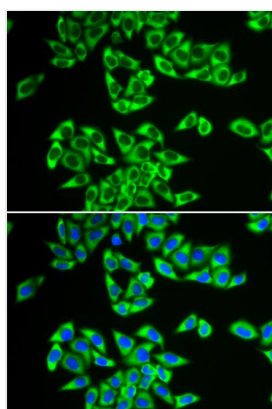
PRODUCT SYNONYMS

DDX3X; Polyclonal Antibody; DDX3X Polyclonal Antibody; CAP-Rf;DBX; DDX3; HLP2; DDX14; MRX102; anti-DDX3X antibody

PRODUCT SPECIFICATIONS

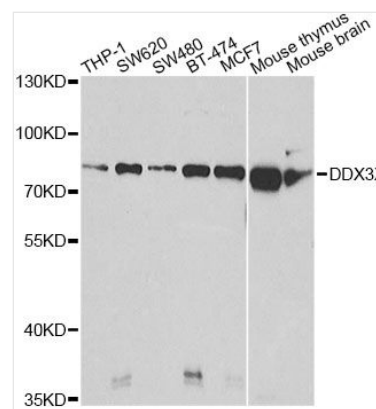
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Sequence Length	662
Applicable Applications for anti-DDX3X antibody	IF (Immunofluorescence), WB (Western Blot)
Category	Primary antibody
Source	Rabbit
Immunogen	Recombinant protein of human DDX3X
Preparation and Storage	Store at -20°C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using DDX3X antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using DDX3X Antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit.

ADDITIONAL INFORMATION

Related Product Information for anti-DDX3X antibody	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.
Product Categories/Family for anti-DDX3X antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	3023628
NCBI GeneID	1654
UniProt Accession #	O00571; O15536; A8K538; B4E3E8
Molecular Weight	Calculated: 71kDa/73kDa Observed: 80kDa
NCBI Official Full Name	ATP-dependent RNA helicase DDX3X
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box helicase 3, X-linked
NCBI Official Symbol	DDX3X
NCBI Official Synonym Symbols	DBX; DDX3; HLP2; DDX14; CAP-Rf
NCBI Protein Information	ATP-dependent RNA helicase DDX3X; DEAD/H box-3; DEAD box, X isoform; helicase-like protein 2; DEAD box protein 3, X-chromosomal; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3; DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked
UniProt Protein Name	ATP-dependent RNA helicase DDX3X
UniProt Gene Name	DDX3X
UniProt Synonym Gene Names	DBX; DDX3; HLP2
UniProt Entry Name	DDX3X_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ddx3x-antibody-immunofluorescence-western-blot-elisa/37648>