

Rabbit anti-Human DDX3 Monoclonal Antibody | anti-DDX3X antibody

DDX3 Rabbit PolymAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA283059	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

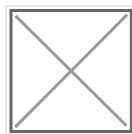
PRODUCT SYNONYMS

DDX3; Monoclonal Antibody; DDX3 Rabbit PolymAb; DBX; HLP2; DDX14; CAP-Rf; MRX102; MRXSSB; anti-DDX3X antibody

PRODUCT SPECIFICATIONS

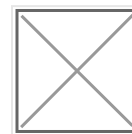
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% Sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	GRSDYDGIGS RGDRSGFGKF ERGNSRWCD KSEDDWSKP LPPSERLEQE LFSGGNTGIN FEKYDDIPVE ATGNNCPPI ESFSDVEMGE IIMGNIETR Y
Applicable Applications for anti-DDX3X antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 100-200 of human DDX3 (NP_001347.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



ICC (Immunocytochemistry)

Confocal imaging of HeLa cells using DDX3 Rabbit PolymAb® (A25442-PM, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with γ -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.



WB (Western Blot)

Western blot analysis of various lysates using DDX3 Rabbit PolymAb® (AAA283059) at 1:30000 dilution incubated overnight at 4°. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

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	Epigenetics Nuclear Signaling; RNA Binding; Cell Biology Developmental Biology; Stem Cells; Embryonic Stem Cells; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	301171475
NCBI GeneID	1654
NCBI Accession #	NP_001180346.1
NCBI GenBank Nucleotide #	NM_001193417.1
UniProt Accession #	O00571; O15536; A8K538; B4E3E8
Molecular Weight	Calculated MW: 73kDa Observed MW: 75kDa
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/monoclonal/ddx3-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/283059>