

Mouse DDX3 Monoclonal Antibody | anti-DDX3 antibody

DDX3 Mouse mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320390	Mouse	Human, Rat, Mouse, Monkey	Immunocytochemistry, Immunoprecipitation, Western Blot

PRODUCT SYNONYMS

DDX3; Monoclonal Antibody; DDX3 Mouse mAb; ATP dependent RNA helicase DDX3X; ATP-dependent RNA helicase DDX3X; CAP Rf; DBX; DDX14; DDX3X; DDX3X_HUMAN; DEAD (Asp Glu Ala Asp) box polypeptide 3 X linked; DEAD box; DEAD box protein 3; DEAD box protein 3 X-chromosomal; DEAD box X isoform; DEAD/H (Asp Glu Ala Asp/His) box polypeptide 3; DEAD/H box 3; X-linked; Fibroblast Growth Factor Inducible 14; Fin14; Helicase like protein 2; Helicase-like protein 2; HLP2; X isoform; X-chromosomal.; anti-DDX3 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat, Mouse, Monkey
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of DDX3 and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-DDX3 antibody	ICC (Immunocytochemistry), IP (Immunoprecipitation), WB (Western Blot)
Immunogen	Purified recombinant human DDX3 protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year

IMAGES



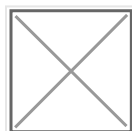
ICC (Immunocytochemistry)

Immunocytochemistry staining of HeLa cells fixed with 4% Paraformaldehyde and using DDX3 mouse mAb (dilution 1:200).



IP (Immunoprecipitation)

Immunoprecipitation analysis of Hela cell lysates using DDX3 mouse mAb.



WB (Western Blot)

Western blot detection of DDX3 in Hela.3T3.C6.COS7.K562 and Jurkat cell lysate using DDX3 mouse mAb (1:1000 diluted). Predicted band size: 75KDa. Observed band size: 75KDa.

ADDITIONAL INFORMATION

Related Product Information for anti-DDX3 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 similarit
Product Categories/Family for anti-DDX3 antibody	Primary 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	73,243 Da
NCBI Official Full Name	ATP-dependent RNA helicase DDX3X isoform 3
NCBI Official Synonym Full Names	DEAD (Asp-Glu-Ala-Asp) box polypeptide 3, X-linked
NCBI Official Symbol	DDX3X
NCBI Official Synonym Symbols	DBX; DDX3; HLP2; DDX14
NCBI Protein Information	ATP-dependent RNA helicase DDX3X; CAP-Rf; DEAD/H box-3; DEAD box, X isoform; helicase like protein 2; helicase-like protein 2; DEAD box protein 3, X-chromosomal; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 3
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/ddx3-antibody-immunocytochemistry-immunoprecipitation-western-blot-elisa/320390>