

Rabbit DDX3 Polyclonal Antibody | anti-DDX3X antibody

DDX3 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39256	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Western Blot, ELISA

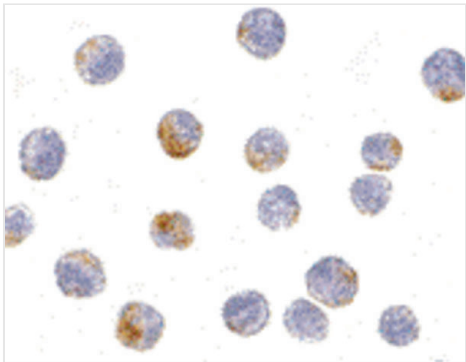
PRODUCT SYNONYMS

DDX3; Polyclonal Antibody; DDX3 Antibody; DBX; HLP2; DDX14; ATP-dependent RNA helicase DDX3X; DEAD box protein 3; X-chromosomal; DEAD (Asp-Glu-Ala-Asp) box polypeptide 3; X-linked; anti-DDX3X antibody

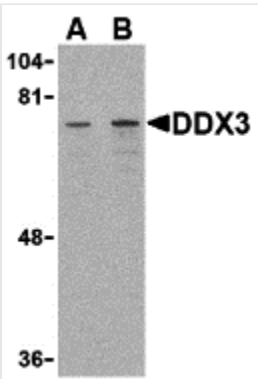
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	DDX3 antibody will detect both DDX3 and DBY.
Purity/Purification	DDX3 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	662
Applicable Applications for anti-DDX3X antibody	ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	DDX3 antibody was raised against a 16 amino acid synthetic peptide from near the center of human DDX3.
Buffer	DDX3 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	DDX3 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

IMAGES



ICC (Immunocytochemistry)
Immunocytochemistry of DDX3 in HepG2 cells with DDX3 antibody at 10 µg/mL.



WB (Western Blot)
Western blot analysis of DDX3 in HepG2 cell lysate with DDX3 antibody at (A) 1 and (B) 2 µg/mL.

ADDITIONAL INFORMATION

Related Product Information for anti-DDX3X antibody	DDX3 Antibody: DDX3 contains all of the motifs of the DEAD-box family of RNA helicases, including the Asp-Glu-Ala-Asp sequence that gives the protein family its name and distinguishes it from other RNA helicases. DDX3 is localized to the X chromosome and has a highly conserved functional homolog (DBY) on the Y chromosome. DDX3 is thought to be involved in RNA splicing, RNA transport, and translation initiation. It has also been shown to be involved in cell growth control and is deregulated in hepatitis virus-associated hepatocellular carcinoma. Recent experiments suppressing DDX3 expression blocked HIV-1 RNA export from the nucleus, suggesting that DDX3 functions as a shuttling protein that transports the HIV-1 protein Rev and its cofactor CRM1 from the nucleus to the cytoplasm.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	3523150
NCBI GeneID	1654
UniProt Accession #	O00571; O15536; A8K538; B4E3E8
Molecular Weight	71,355 Da
NCBI Official Full Name	DEAD box RNA helicase DDX3
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.