

Rabbit DDX3 Polyclonal Antibody | anti-DDX3X antibody

DDX3 Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289370	Rabbit	Human (Predicted Reactivity: Mouse, Xenopus)	Immunohistochemistry, ELISA, Western Blot

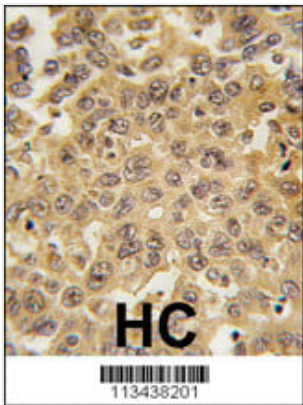
PRODUCT SYNONYMS

DDX3; Polyclonal Antibody; DDX3 Antibody (C-term); ATP-dependent RNA helicase DDX3X; DEAD box protein 3; X-chromosomal; DEAD box; X isoform; Helicase-like protein 2; HLP2; DDX3X; DBX; anti-DDX3X antibody

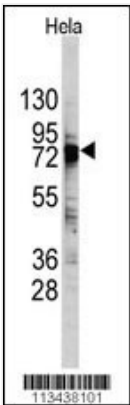
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Mouse, Xenopus)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DDX3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 456-485 amino acids from the C-terminal region of human DDX3.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	456-485
Sequence Length	646
Applicable Applications for anti-DDX3X antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

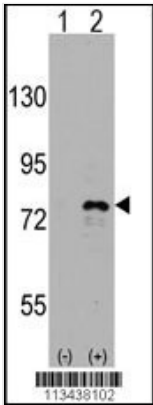
IMAGES



IHC (Immunohistochemisry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma tissue reacted with DDX3 antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of DDX3 Antibody (C-term) in HeLa cell line lysates (35ug/lane). DDX3 (arrow) was detected using the purified Pab.



WB (Western Blot)
Western blot analysis of DDX3 (arrow) using rabbit polyclonal DDX3 Antibody (C-term). 293 cell lysates (2 ug/lane) either nontransfected (Lane 1) or transiently transfected with the DDX3 gene (Lane 2) (Origene Technologies).

ADDITIONAL INFORMATION

Related Product Information for anti-DDX3X antibody	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD), are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX3 is a DEAD box protein, which interacts specifically with hepatitis C virus core protein resulting a change in intracellular location. The DDX3 gene has a homolog located in the nonrecombining region of the Y chromosome. The protein sequence is 91% identical between this gene and the Y-linked homolog.
Product Categories/Family for anti-DDX3X antibody	Developmental Biology; Signal Transduction
References	Ariumi,Y., J. Virol. 81 (24), 13922-13926 (2007) Hogbom,M., J. Mol. Biol. 372 (1), 150-159 (2007) Franca,R., Proteins 67 (4), 1128-1137 (2007) DDX3, Cancer Res. 66 (13), 6579-6588 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	301171475
NCBI GeneID	1654

NCBI Accession #	NP_001180346.1 ; NP_001347.3
NCBI GenBank Nucleotide #	NM_001193417.2
UniProt Accession #	O00571 ; O15536 ; A8K538 ; B4E3E8
Molecular Weight	73243
NCBI Official Full Name	ATP-dependent RNA helicase DDX3X isoform 3
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
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/polyclonal/ddx3-antibody-immunohistochemistry-western-blot-elisa/289370>