

Rabbit DDX3X Polyclonal Antibody | anti-DDX3X antibody

DDX3X antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198066	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat	Western Blot, Immunohistochemistry

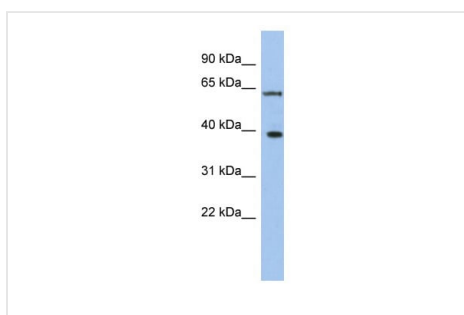
PRODUCT SYNONYMS

DDX3X; Polyclonal Antibody; DDX3X antibody - N-terminal region; anti-DDX3X antibody

PRODUCT SPECIFICATIONS

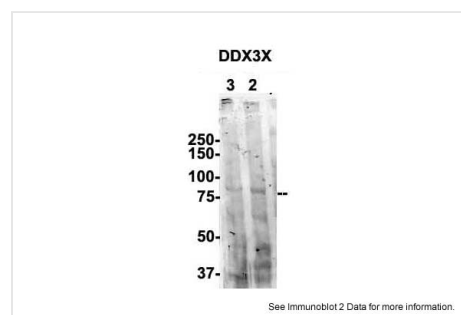
Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Pig, Rabbit, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide with the following region: MS HVAVENALGL DQQFAGLDLN SSDNQSGGST ASKGRYIPPH LRNREATK
Sequence Length	662
Applicable Applications for anti-DDX3X antibody	WB (Western Blot), IHC (Immunohistochemistry)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 93%; Horse: 100%; Human: 100%; Mouse: 100%; Pig: 100%; Rabbit: 93%; Rat: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human DDX3X
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



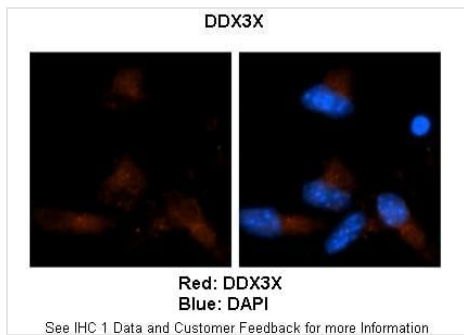
WB (Western Blot)

WB Suggested Anti-DDX3X Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: THP-1 cell lysate



WB (Western Blot)

Sample Type: Mouse Brain
Sample Type: 1. Human NT-2 cells (60ug) 2. mouse brain extracts (80ug)
Primary Antibody Dilution: 2ug/ml
Secondary Antibody: IRDye 800CW goat anti-rabbit from Li-COR Bioscience
Secondary Antibody Dilution: 1: 20,000
Image Submitted by: Yuzhi Chen
University of Arkansas for Medical Science



IHC (Immunohistochemistry)

Sample Type :Human brain stem cells (NT2) Primary Antibody Dilution :1:500Secondary Antibody :Goat anti-rabbit Alexa Fluor 594Secondary Antibody Dilution :1:1000Color/Signal Descriptions :Red: DDX3X Blue: DAPIGene Name :DDX3XSubmitted by :Dr. Yuzhi Chen, University of Arkansas for Medical Science

ADDITIONAL INFORMATION

Related Product Information for anti-DDX3X antibody	This is a rabbit polyclonal antibody against DDX3X. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 m
Product Categories/Family for anti-DDX3X antibody	Polyclonal; RNA Binding Proteins; Chromatin & Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	87196351
NCBI GeneID	1654
NCBI Accession #	NP_001347
NCBI GenBank Nucleotide #	NM_001356
UniProt Accession #	O00571
Molecular Weight	73kDa
NCBI Official Full Name	ATP-dependent RNA helicase DDX3X isoform 1
NCBI Official Synonym Full Names	DEAD-box helicase 3 X-linked
NCBI Official Symbol	DDX3X
NCBI Official Synonym Symbols	DBX; DDX3; HLP2; DDX14; CAP-Rf; MRX102
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.