

Datasheet for ABIN2775180
anti-DDX3X antibody (N-Term)[Go to Product page](#)

3 Images

Overview

Quantity:	100 µL
Target:	DDX3X
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat, Cow, Dog, Rabbit, Pig, Horse, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX3X antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human DDX3X
Sequence:	MSHVAVENAL GLDQQFAGLD LNSSDNQSGG STASKGRYIP PHLRNREATK
Predicted Reactivity:	Cow: 100%, Dog: 100%, Guinea Pig: 93%, Horse: 100%, Human: 100%, Mouse: 100%, Pig: 100%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against DDX3X. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

Target Details

Target:	DDX3X
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Target Details

Alternative Name:	DDX3X (DDX3X Products)
Background:	<p>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</p> <p>Alias Symbols: DBX, DDX14, DDX3, HLP2</p> <p>Protein Interaction Partner: TP53, UBC, SUMO2, SUMO3, STAU1, LGR4, MDM2, RPA3, RPA2, RPA1, EZH2, SUZ12, EED, RNF2, rev, APBB1, NEDD4, EIF3L, SND1, WBP4, EIF3D, RPS23, RPS11, RPS9, RPS7, RPS3, RPS2, PIN1, PARK2, HCVgp1, TARDBP, YWHAQ, UBD, IGSF8, NPM1, LMNA, ICAM1, CD81, SP1, EIF3K, I</p> <p>Protein Size: 662</p>
Molecular Weight:	73 kDa
Gene ID:	1654
NCBI Accession:	NM_001356 , NP_001347
UniProt:	O00571
Pathways:	Ribonucleoprotein Complex Subunit Organization , Positive Regulation of Endopeptidase Activity , Negative Regulation of intrinsic apoptotic Signaling , Ribosome Assembly

Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 662 AA
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

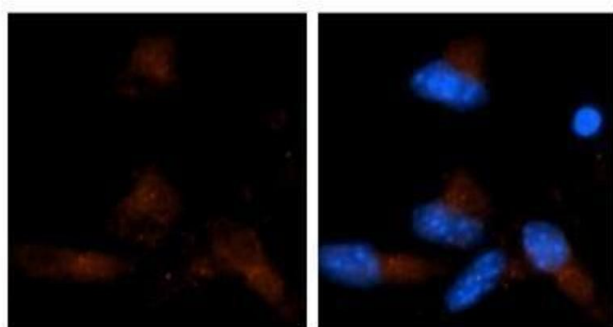
Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -20 °C

Storage Comment: For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images

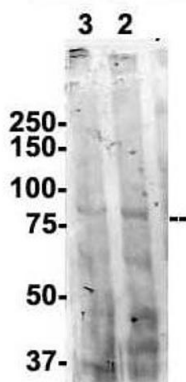
DDX3X



Red: DDX3X
Blue: DAPI

See IHC 1. Data and Customer Feedback for more information.

DDX3X



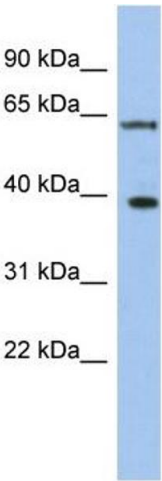
See Immunoblot 2 Data for more information.

Immunohistochemistry

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

Western Blotting

Image 2. 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



Western Blotting

Image 3. WB Suggested Anti-DDX3X Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:62500 Positive Control: THP-1 cell lysate