OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TA341555

DDX3 (DDX3X) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	IHC, WB
Reactivity:	Human, Mouse
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DDX3X antibody: synthetic peptide directed towards the N terminal of human DDX3X. Synthetic peptide located within the following region: MSHVAVENALGLDQQFAGLDLNSSDNQSGGSTASKGRYIPPHLRNREATK
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. *Note that this product is shipped as lyophilized powder to China customers.*
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	73 kDa
Gene Name:	DEAD-box helicase 3, X-linked
Database Link:	NP_001347 Entrez Gene 13205 MouseEntrez Gene 1654 Human O00571

View online »

Background: DEAD box proteins, characterized byThe 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 onTheir distribution patterns, some members ofThis family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division.This gene encodes a DEAD box protein, which interacts specifically with hepatitis C virus core protein resulting a change in intracellular location.This gene has a homolog located inThe nonrecombining region ofThe Y chromosome.The protein sequence is 91% identical betweenThis gene andThe Y-linked homolog. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2010]

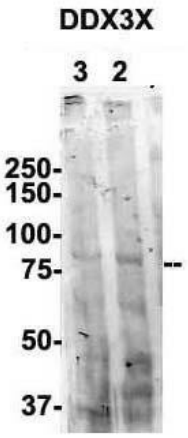
Synonyms: CAP-Rf; DBX; DDX3; DDX14; HLP2

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rat: 93%; Rabbit: 93%; Guinea pig: 93%

Protein Families: ES Cell Differentiation/IPS

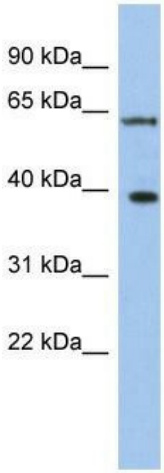
Protein Pathways: RIG-I-like receptor signaling pathway

Product images:



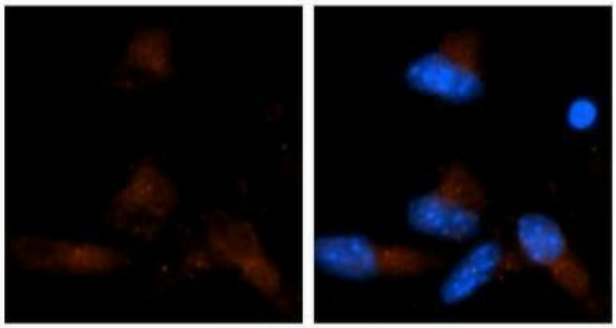
See Immunoblot 2 Data for more information.

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



DDX3X

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



Red: DDX3X
Blue: DAPI

See IHC 1 Data and Customer Feedback for more Information

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