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Datasheet for ABIN2461347 anti-DDX42 antibody

Image



Overview

Quantity:	100 µL
Target:	DDX42
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX42 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of
	human DDX42.
Purification:	Antibody is purified by peptide affinity chromatography method.
Target Details	
Target:	DDX42
Alternative Name:	DDX42 (DDX42 Products)
Background:	DDX42 is a member of the Asp-Glu-Ala-Asp (DEAD) box protein family. Members of this protein
	family are putative RNA helicases, and 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. Members of this family are
	believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division.
	beneved to be involved in embryogenesis, spermatogenesis, and cendral growth and division.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN2461347 | 09/11/2023 | Copyright antibodies-online. All rights reserved. DDX42 is a ATP-dependent RNA helicase. DDX42 binds to partially double-stranded RNAs (dsRNAs) in order to unwind RNA secondary structures. It also mediates RNA duplex formation thereby displacing the single-strand RNA binding protein. This gene encodes a member of the Asp-Glu-Ala-Asp (DEAD) box protein family. Members of this protein family are putative RNA helicases, and 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. Members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. Two transcript variants encoding the same protein have been identified for this gene.

Molecular Weight:	103 kDa
Gene ID:	11325
NCBI Accession:	NP_031398
UniProt:	Q86XP3

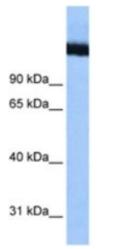
Application Details

Application Notes:	DDX42 antibody can be used for detection of DDX42 by ELISA at 1:1562500. DDX42 antibody
	can be used for detection of DDX42 by western blot at 0.5 μ g/mL, and HRP conjugated
	secondary antibody should be diluted 1:50,000 - 100,000.
Restrictions:	For Research Use only

Handling

Lyophilized
Add 50 ?L of distilled water. Final antibody concentration is 1 mg/mL.
1 mg/mL
Antibody is lyophilized in PBS buffer with 2 % sucrose.
As with any antibody avoid repeat freeze-thaw cycles.
4 °C/-20 °C
For short periods of storage (days) store at 4 °C. For longer periods of storage, store DDX42 antibody at -20 °C.

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Western Blotting

Image 1.

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