

Datasheet for ABIN2461347

anti-DDX42 antibody[Go to Product page](#)**1** 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.

Target Details

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 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store DDX42 antibody at -20 °C.



Western Blotting

Image 1.