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Datasheet for ABIN7144991
anti-DDX42 antibody (AA 519-819) (Biotin)

Overview

Quantity:	100 µg
Target:	DDX42
Binding Specificity:	AA 519-819
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX42 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human ATP-dependent RNA helicase DDX42 protein (519-819AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	DDX42
Alternative Name:	DDX42 (DDX42 Products)
Background:	Background: ATP-dependent RNA helicase. Binds to partially double-stranded RNAs (dsRNAs) in order to unwind RNA secondary structures. Unwinding is promoted in the presence of single-

Target Details

strand binding proteins. Mediates also RNA duplex formation thereby displacing the single-strand RNA binding protein. ATP and ADP modulate its activity: ATP binding and hydrolysis by DDX42 triggers RNA strand separation, whereas the ADP-bound form of the protein triggers annealing of complementary RNA strands. Involved in the survival of cells by interacting with TP53BP2 and thereby counteracting the apoptosis-stimulating activity of TP53BP2. Relocalizes TP53BP2 to the cytoplasm.

Aliases: DDX42ATP-dependent RNA helicase DDX42 antibody, EC 3.6.4.13 antibody, DEAD box protein 42 antibody, RNA helicase-like protein antibody, RHELP antibody, RNA helicase-related protein antibody, RNAHP antibody, SF3b DEAD box protein antibody, Splicing factor 3B-associated 125 kDa protein antibody, SF3b125 antibody

UniProt: [Q86XP3](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.