

DATASHEET

DDX42 Rabbit Polyclonal Antibody

CAT. NO. APA19239

KEY FEATURES

Target	DDX42	Source / Host	Rabbit
Reactivity	Human, Mouse	Clonality	Polyclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.		Storage at-20°C

BACKGROUND

ATP-dependent RNA helicase that binds to partially double-stranded RNAs (dsRNAs) in order to unwind RNA secondary structures in order to unwind RNA secondary structures . Unwinding is promoted in the presence of single-strand binding proteins . Also mediates 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 .

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

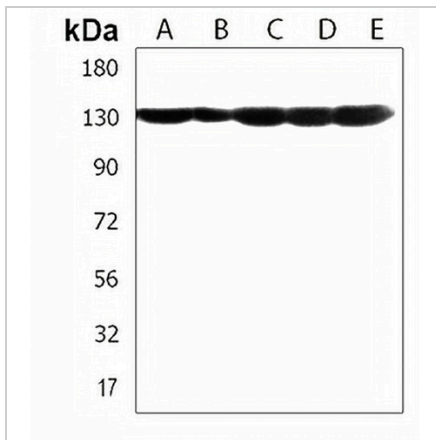
Description	Rabbit polyclonal antibody to DDX42
Specificity	Recognizes endogenous levels of DDX42 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the Central region of human DDX42. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 102 kD; Observed: 130 kD
Form/Buffer	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	ATP-dependent RNA helicase DDX42; DEAD box protein 42; RNA helicase-like protein; RHELP; RNA helicase-related protein; RNAHP; SF3b DEAD box protein; Splicing factor 3B-associated 125 kDa protein; SF3b125
Gene Symbol	DDX42
Entrez Gene	11325(Human); 72047(Mouse)
SwissProt	Q86XP3(Human); Q810A7(Mouse)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of DDX42 expression in A431 (A), HeLa (B), Jurkat (C), K562 (D), NIH3T3 (E) whole cell lysates. (Predicted band size: 102 kD; Observed band size: 130 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.