

DATASHEET

DDX56 Rabbit Polyclonal Antibody

CAT. NO. APA15429

KEY FEATURES

Target	DDX56	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

Nucleolar RNA helicase that plays a role in various biological processes including innate immunity, ribosome biogenesis or nucleolus organization . Plays an essential role in maintaining nucleolar integrity in planarian stem cells . Maintains embryonic stem cells proliferation by conventional regulation of ribosome assembly and interaction with OCT4 and POU5F1 complex . Regulates antiviral innate immunity by inhibiting the virus-triggered signaling nuclear translocation of IRF3 . Mechanistically, acts by disrupting the interaction between IRF3 and importin IPO5 . May play a role in later stages of the processing of the pre-ribosomal particles leading to mature 60S ribosomal subunits. Has intrinsic ATPase activity.

APPLICATION

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

WB	1:500 - 1:2000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

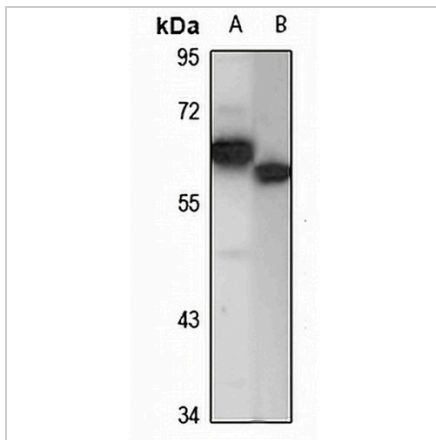
Description	Rabbit polyclonal antibody to DDX56
Specificity	Recognizes endogenous levels of DDX56 protein
Antibody Type	Primary antibody
Immunogen	Recombinant fusion protein of human DDX56. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 57; Observed: 61 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	DDX21; NOH61; Probable ATP-dependent RNA helicase DDX56; ATP-dependent 61 kDa nucleolar RNA helicase; DEAD box protein 21; DEAD box protein 56
Gene Symbol	DDX56
Entrez Gene	54606(Human)
SwissProt	Q9NY93(Human)

*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**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.