

DATASHEET

DDX24 Rabbit Polyclonal Antibody

CAT. NO. APA09216

KEY FEATURES

Target	DDX24	Source / Host	Rabbit
Reactivity	Human, Mouse, Rat, Monkey	Clonality	Polyclonal
Applications	WB, IHC	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 plays a role in various aspects of RNA metabolism including pre-mRNA splicing and is thereby involved in different biological processes such as cell cycle regulation or innate immunity . Plays an inhibitory role in TP53 transcriptional activity and subsequently in TP53 controlled cell growth arrest and senescence by inhibiting its EP300 mediated acetylation . Negatively regulates cytosolic RNA-mediated innate immune signaling at least in part by affecting RIPK1/IRF7 interactions. Alternatively, possesses antiviral activity by recognizing gammaherpesvirus transcripts in the context of lytic reactivation .

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
IHC	1:50 - 1:100

*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

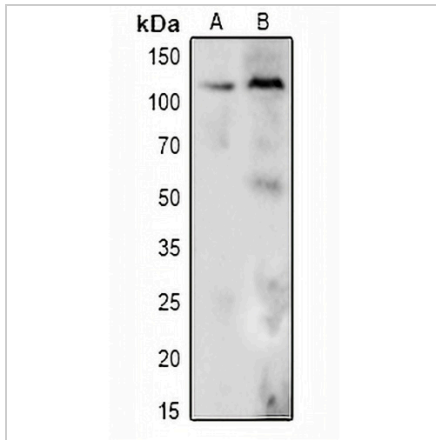
Description	Rabbit polyclonal antibody to DDX24
Specificity	Recognizes endogenous levels of DDX24 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human DDX24. The exact sequence is proprietary.
Purification	The antibody was purified by immunogen affinity chromatography.
Molecular Weight	Predicted: 96 kD; Observed: 120 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 DDX24; DEAD box protein 24
Gene Symbol	DDX24
Entrez Gene	57062(Human); 27225(Mouse)
SwissProt	Q9GZR7(Human); Q9ESV0(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.

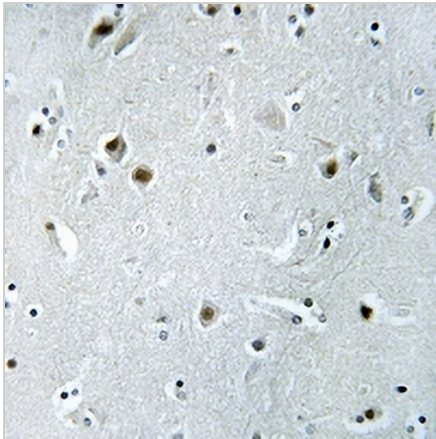
*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of DDX24 expression in HeLa (A), HEK293T (B) whole cell lysates. (Predicted band size: 96 kD; Observed band size: 120 kD)



Immunohistochemical analysis of DDX24 staining in human brain formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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.