

Datasheet for 600-401-AV6**DHX36 Antibody****Overview**

Description:	Anti-DHX36 (RABBIT) Antibody - 600-401-AV6
Item No.:	600-401-AV6
Size:	100 µg
Applications:	ELISA, IHC, WB
Reactivity:	Human, Mouse
Host Species:	Rabbit

Product Details

Background:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp, are putative RNA helicases implicated in several cellular processes involving modifications of RNA secondary structure. DHX36 (DEAH box protein 36), also known as MLE-like protein 1 and RNA helicase associated with AU-rich element ARE (RHAU), belongs to RNA helicase of the DEAH family and may function in sex development and spermatogenesis. It is expressed in testis and is evolutionary conserved with true orthologs in almost all animal species. DHX36 plays a role in degradation and deadenylation of mRNAs containing in their 3'-UTR the consensus ARE sequence element. DHX36 is required for early embryogenesis.
Synonyms:	DHX36 Antibody, G4R1, RHAU, DDX36, MLEL1, KIAA1488, Probable ATP-dependent RNA helicase DHX36, DEAH box protein 36
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	DHX36
Reactivity:	Human, Mouse
Immunogen Type:	Conjugated Peptide
Immunogen:	Anti- DHX36 antibody was prepared from whole rabbit serum produced by repeated immunizations with a 19 amino acid peptide near the C-terminus of human DHX36.

Purity/Specificity:	Anti-DHX36 Antibody was affinity purified from monospecific antiserum by immunoaffinity chromatography. At least four isoforms of DDX36 are known to exist; this antibody will detect the three longest isoforms.
Relevant Links:	• UniProtKB - Q9H2U1 • GeneID - 170506 • NCBI - NP_065916

Application Details

Tested Applications:	ELISA, IHC, WB
Application Note:	Anti-DHX36 Antibody has been tested for use in ELISA, Western Blotting, and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. Expect a band at approximately 115 kDa in Western Blots of specific cell lysates and tissues.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5000 - 1:10000
IHC:	User Optimized
WB:	0.5-1 µg/mL

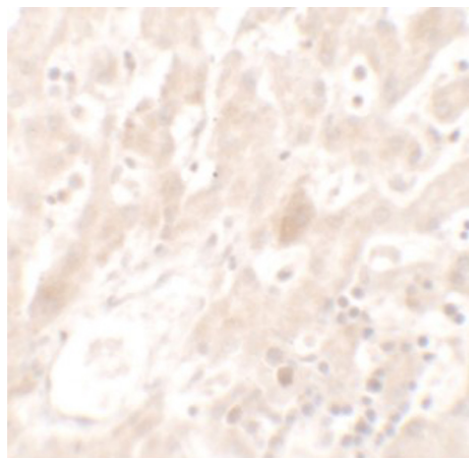
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1 mg/mL by UV absorbance at 280 nm
Buffer:	0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Preservative:	0.02% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
Expiration:	Expiration date is one (1) year from date of receipt.

Images

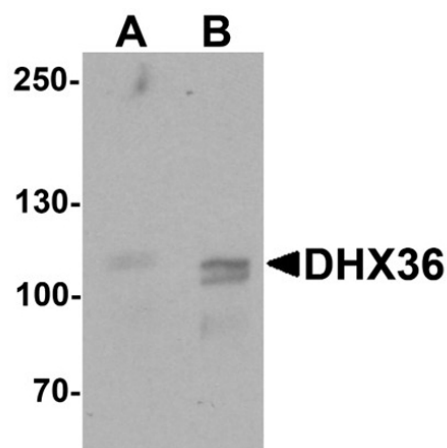


Immunohistochemistry

Immunohistochemistry of DHX36.

Tissue: human liver tissue.

Primary Antibody: DHX36 antibody at 5 µg/mL.



Western Blot

Western blot analysis of DHX36.

Load: mouse liver tissue lysate.

Primary Antibody: DHX36 antibody at (A) 0.5 and (B) 1 µg/mL.

Disclaimer

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