



Rabbit Anti-DHX38 antibody

SL20309R

Product Name:	DHX38
Chinese Name:	DHX38蛋白抗体
Alias:	ATP dependent RNA helicase DHX38; ATP-dependent RNA helicase DHX38; DDX38; DEAD/H (Asp-Glu-Ala-Asp/His) box polypeptide 38; DEAH (Asp-Glu-Ala-His) box polypeptide 38; DEAH box protein 38; DHX38; KIAA0224; Pre mRNA splicing factor ATP dependent RNA helicase PRP16; Pre-mRNA splicing factor 16; Pre-mRNA-splicing factor ATP-dependent RNA helicase prp16; Prp16; PRP16 homolog of S.cerevisiae; pre-mRNA splicing factor ATP-dependent RNA helicase PRP16; PRP16 HUMAN; PRPF16.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Cow,
Applications:	ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	140kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DHX38:201-300/1277
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	Preservative: 15mM Sodium Azide, Constituents: 1% BSA, 0.01M PBS, pH 7.4
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	DEAD box proteins, characterized by the conserved motif Asp-Glu-Ala-Asp (DEAD),

are putative RNA helicases. They are implicated in a number of cellular processes involving alteration of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. Based on their distribution patterns, some members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. The protein encoded by this gene is a member of the DEAD/H box family of splicing factors. This protein resembles yeast Prp16 more closely than other DEAD/H family members. It is an ATPase and essential for the catalytic step II in pre-mRNA splicing process. [provided by RefSeq, Jul 2008]

Function:

Probable ATP-binding RNA helicase involved in pre-mRNA splicing.

Subcellular Location:

Nucleus.

Similarity:

Belongs to the DEAD box helicase family. DEAH subfamily. PRP16 sub-subfamily.

Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

SWISS:

Q92620

Gene ID:

9785

Database links:

[Entrez Gene: 9785](#)Human

[Entrez Gene: 64340](#)Mouse

[Entrez Gene: 292007](#)Rat

[GenBank: NM_014003](#)Human

[Omim: 605584](#)Human

[SwissProt: Q17R09](#)Cow

[SwissProt: Q92620](#)Human

[Unigene: 151218](#)Human

[Unigene: 23705](#)Mouse

[Unigene: 108087Rat](#)

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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