



## Rabbit Anti-DHX15 antibody

SL13001R

<b>Product Name:</b>	DHX15
<b>Chinese Name:</b>	DHX15蛋白抗体
<b>Alias:</b>	ATP dependent RNA helicase #46; DBP1; DDX15; DEADH box 15; DEAH (Asp Glu Ala His) box polypeptide 15; DEAH box polypeptide 15; DEAH box protein 15; HRH2; PRP43; PrPp43p; RNA; DHX15_HUMAN.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Dog,Pig,Cow,Horse,Rabbit,
<b>Applications:</b>	WB=1:500-2000ELISA=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.
<b>Molecular weight:</b>	91kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthetic peptide derived from human DHX15:101-200/795
<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	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.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	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 and ribosome/spliceosome assembly. Based on their distribution patterns, some members of this family may be involved in embryogenesis, spermatogenesis, and cellular growth and division. DDX15 (DEAH-box protein 15),

also known as DHX15, DBP1 or HRH2, is a nuclear ATP-dependent RNA helicase that is involved in pre-mRNA splicing and is a member of the DEAH-box subfamily of DEAD-box proteins. Expressed throughout the body, DDX15 is a pre-mRNA processing factor that plays a role in spliceosome disassembly after the release of mature mRNA. When localized to the nucleoli, DDX15 is thought to interact with the La/SSB autoantigen, an RNA chaperone that functions in various intracellular processes. DDX15 is 795 amino acids in length and is the human ortholog of the *S. cerevisiae* protein Prp43. helicase 2.

**Function:**

The protein encoded by DHX15 is a putative pre mRNA splicing factor ATP dependent RNA helicase. It is thought to be involved in the disassembly of spliceosomes after the release of mature mRNA, and has been implicated in pre mRNA splicing.

**Subunit:**

Interacts with SSB/La. Component of the U11/U12 snRNPs that are part of the U12-type spliceosome.

**Subcellular Location:**

Nucleus. Nucleus, nucleolus.

**Tissue Specificity:**

Ubiquitous.

**Similarity:**

Belongs to the DEAD box helicase family. DEAH subfamily. DDX15/PRP43 sub-subfamily. **Contains 1 helicase ATP-binding domain.**

**Contains 1 helicase C-terminal domain.**

**SWISS:**

**O43143**

**Gene ID:**

**1665**

**Database links:**

[Entrez Gene: 1665](#)Human

[Entrez Gene: 13204](#)Mouse

[Entrez Gene: 00174435](#)Orangutan

[Entrez Gene: 289693](#)Rat

[Omin: 603403](#)Human

[SwissProt: O43143](#)Human

[SwissProt: O35286](#)Mouse

[SwissProt: Q5RAZ4](#)Orangutan

**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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