



## Rabbit Anti-DDX47 antibody

SL14229R

<b>Product Name:</b>	DDX47
<b>Chinese Name:</b>	ATP依赖RNA解旋酶DDX47抗体
<b>Alias:</b>	DDX47; DDX47_HUMAN; DEAD (Asp Glu Ala Asp) box polypeptide 47; DEAD box protein 47; DKFZp564O176; E4 DBP; FLJ30012; HGNC:18682; HQ0256; MSTP162; Probable ATP dependent RNA helicase DDX47; Probable ATP-dependent RNA helicase DDX47.
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,Mouse,Rat,Chicken,Dog,Cow,Horse,Sheep,
<b>Applications:</b>	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.
<b>Molecular weight:</b>	50kDa
<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 DDX47:201-300/455
<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>	This gene encodes a member of the DEAD box protein family. 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 can shuttle between the nucleus and the cytoplasm, and has an RNA-independent ATPase activity. Two alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

**Subcellular Location:**

Nucleus; nucleolus.

**Similarity:**

Belongs to the DEAD box helicase family. DDX47/RRP3 subfamily.

Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

**SWISS:**

Q9H0S4

**Gene ID:**

51202

**Database links:**

[Entrez Gene: 51202](#) Human

[Entrez Gene: 67755](#) Mouse

[Entrez Gene: 297685](#) Rat

[SwissProt: Q9H0S4](#) Human

[SwissProt: Q9CWX9](#) Mouse

[Unigene: 719938](#) Human

[Unigene: 166524](#) Mouse

[Unigene: 73790](#) Rat

**Important Note:**

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