



Rabbit Anti-DDX42 antibody

SL14227R

Product Name:	DDX42
Chinese Name:	ATP依赖RNA解旋酶DDX42抗体
Alias:	ATP-dependent RNA helicase DDX42; DEAD (Asp-Glu-Ala-Asp) box polypeptide 42; DEAD box polypeptide 42 protein; DEAD box protein 42; EC 3.6.1.-; FLJ43179; DDX42_HUMAN; RHELP; RNA helicase-like protein; RNA helicase-related protein; RNAHP; SF3b DEAD-box protein; SF3b125; SF3b125 DEAD-box protein; Splicing factor 3B-associated 125 kDa protein.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,
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:	103kDa
Cellular localization:	The nucleuscytoplasmic
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DDX42:841-938/938
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
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:	This gene encodes a member of the Asp-Glu-Ala-Asp (DEAD) box protein family. Members of this protein family are putative RNA helicases, and 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. Members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq, Jul 2008]

Function:

This gene encodes a member of the Asp-Glu-Ala-Asp (DEAD) box protein family. Members of this protein family are putative RNA helicases, and 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. Members of this family are believed to be involved in embryogenesis, spermatogenesis, and cellular growth and division. Two transcript variants encoding the same protein have been identified for this gene.

Subcellular Location:

Cytoplasm. Nucleus speckle. Nucleus> Cajal body. Note: Isoform 2 is present in Cajal bodies (CBs) and nuclear speckles.

Similarity:

Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain.

SWISS:

Q86XP3

Gene ID:

11325

Database links:

[Entrez Gene: 11325](#) Human

[Entrez Gene: 72047](#) Mouse

[Entrez Gene: 303607](#) Rat

[SwissProt: Q86XP3](#) Human

[SwissProt: Q810A7](#) Mouse

[Unigene: 702010](#) Human

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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