



Rabbit Anti-DDX18 antibody

SL14216R

Product Name:	DDX18
Chinese Name:	ATP依赖解旋酶DDX18抗体
Alias:	ATP dependent RNA helicase DDX18; ATP-dependent RNA helicase DDX18; DDX18; DDX18; DDX18_HUMAN; DEAD (Asp Glu Ala Asp) box polypeptide 18; DEAD box polypeptide 18; DEAD box protein 18; FLJ33908; MrDb; Myc regulated DEAD box protein; Myc-regulated DEAD box 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:	75kDa
Cellular localization:	The nucleus
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human DDX18:581-670/670
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:	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. This gene encodes a DEAD box protein, and it is activated by Myc protein. [provided by RefSeq, Jul 2008]

Function:

Probable RNA-dependent helicase.

Similarity:

Belongs to the DEAD box helicase family. DDX18/HAS1 subfamily.
Contains 1 helicase ATP-binding domain.
Contains 1 helicase C-terminal domain.

SWISS:

Q9NVP1

Gene ID:

8886

Database links:

[Entrez Gene: 8886](#) Human

[Omim: 606355](#) Human

[SwissProt: Q9NVP1](#) Human

[Unigene: 728867](#) Human

Important Note:

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