

## Rabbit Anti-DDX24 antibody

SL14219R

**Product Name** DDX24

**Chinese Name** ATP 依赖解旋酶 DDX24 抗体

**Alias** ATP dependent RNA helicase DDX24; ATP-dependent RNA helicase ddx24; DDX 24; ddx24; DDX24\_HUMAN; DEAD (Asp Glu Ala Asp) box polypeptide 24; DEAD box protein 24; DEAD/H (Asp Glu Ala Asp) box polypeptide 24; S. cerevisiae CHL1 like helicase.

**Research Area** Cardiovascular Cell biology Neurobiology transcriptional regulatory factor Epigenetics

**Immunogen Species** Rabbit

**Clonality** Polyclonal

**React Species** (predicted: Human, Mouse, Rat, Pig, Cow, Rabbit, Sheep, )

IHC-P=1:100-500,IHC-F=1:100-500,ICC/IF=1:100-500,IF=1:100-500,ELISA=1:5000-10000  
(Paraffin sections need antigen repair)

**Applications** not yet tested in other applications.  
optimal dilutions/concentrations should be determined by the end user.

**Theoretical molecular weight** 120kDa

**Cellular localization** The nucleus

**Form** Liquid

**Concentration** 1mg/ml

**immunogen** KLH conjugated synthetic peptide derived from human DDX24: 701-800/859

**Lsotype** IgG

**Purification** affinity purified by Protein A

**Buffer Solution** 1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.

**Storage** Shipped at 4°C. Store at -20 °C for one year. Avoid repeated freeze/thaw cycles.

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

**PubMed** [PubMed](#)

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, which shows little similarity to any of the other known human DEAD box proteins, but shows a high similarity to mouse Ddx24 at the amino acid level. [provided by RefSeq, Jul 2008]

**Function:**

ATP-dependent RNA helicase.

**Tissue Specificity:**

Ubiquitous. Most abundant in heart and brain, but with lowest levels in thymus and small intestine.

**Post-translational modifications:**

Phosphorylated upon DNA damage, probably by ATM or ATR.

**Similarity:**

Belongs to the DEAD box helicase family. DDX24/MAK5 subfamily.

Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

**Product  
Detail**

**SWISS:**

Q9GZR7

**Gene ID:**

57062

**Database links:**

[Entrez Gene: 57062](#) Human

[Entrez Gene: 27225](#) Mouse

[Omim: 606181](#) Human

[SwissProt: Q9GZR7](#) Human

[SwissProt: Q9ESV0](#) Mouse

[Unigene: 510328](#) Human



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[Unigene: 3935](#) Mouse

[Unigene: 475067](#) Mouse