



Rabbit Anti-DDX52 antibody

SL14233R

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| Product Name: | DDX52 |
| Chinese Name: | ATP依赖RNA解旋酶DDX52抗体 |
| Alias: | ATP dependent RNA helicase ROK1 like; ATP-dependent RNA helicase ROK1-like; DDX52; DDX52_HUMAN; DEAD (Asp-Glu-Ala-Asp) box polypeptide 52; DEAD box protein 52; Probable ATP dependent RNA helicase DDX52; Probable ATP-dependent RNA helicase DDX52; ROK1. |
| Organism Species: | Rabbit |
| Clonality: | Polyclonal |
| React Species: | Human,Mouse,Rat,Dog,Horse,Rabbit,Sheep, |
| 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: | 67kDa |
| Cellular localization: | The nucleus |
| Form: | Lyophilized or Liquid |
| Concentration: | 1mg/ml |
| immunogen: | KLH conjugated synthetic peptide derived from human DDX52:501-599/599 |
| 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, are putative RNA helicases implicated in several cellular processes involving modifications 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 may be involved in embryogenesis, spermatogenesis, and cellular growth and division. DEAD box protein 52 (DDX52) is a 599 amino acid protein belonging to the DEAD box helicase family. Localized to the nucleus, DDX52 is phosphorylated by ATM or ATR upon DNA damage. DDX52 contains one helicase ATP-binding domain and one helicase C-terminal domain

Subcellular Location:

Nucleus > nucleolus.

Post-translational modifications:

Phosphorylated upon DNA damage, probably by ATM or ATR.

Similarity:

Belongs to the DEAD box helicase family. DDX52/ROK1 subfamily.

Contains 1 helicase ATP-binding domain.

Contains 1 helicase C-terminal domain.

SWISS:

Q9Y2R4

Gene ID:

11056

Database links:

[Entrez Gene: 11056](#) Human

[Entrez Gene: 78394](#) Mouse

[Entrez Gene: 85432](#) Rat

[SwissProt: A5D7C1](#) Cow

[SwissProt: Q9Y2R4](#) Human

[SwissProt: Q8K301](#) Mouse

[SwissProt: Q99PT0](#) Rat

[Unigene: 51117](#) Cow

[Unigene: 590937](#) Human

[Unigene: 280544](#) Mouse

[Unigene: 18605](#) Rat

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| | <p>Important Note:</p> |
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This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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