

## DDX23

**Reactivity:**Human Mouse Rat Hamster

**Tested applications:**WB IP

**Recommended Dilution:**WB 1:500 - 1:1000 IP 1:20 - 1:50

**Calculated MW:**95kDa

**Observed MW:**Refer to Figures

**Immunogen:**

A synthetic peptide of human DDX23

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Synonym:**

prp28; PRPF28; U5-100K; SNRNP100; U5-100KD;

**Catalog #:**A6018

**Antibody Type:**

Polyclonal Antibody

**Species:**Rabbit

**Gene ID:**9416

**Isotype:**IgG

**Swiss Prot:**Q9BUQ8

**Purity:**Affinity purification

For research use only.

**Background:**

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 is a component of the U5 snRNP complex; it may facilitate conformational changes in the spliceosome during nuclear pre-mRNA splicing. An alternatively spliced transcript variant has been found for this gene, but its biological validity has not been determined.

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