

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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