

Product datasheet for **TA341572**

DDX23 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-DDX23 antibody: synthetic peptide directed towards the C terminal of human DDX23. Synthetic peptide located within the following region: EDSAVFYELKQAILESPVSSCPPPELANHPDAQHKPGTILTKKRREETIFA
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration:	lot specific
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	90 kDa
Gene Name:	DEAD-box helicase 23
Database Link:	NP_004809 Entrez Gene 9416 Human Q9BUQ8



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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. [provided by RefSeq, Jul 2008]

Synonyms:

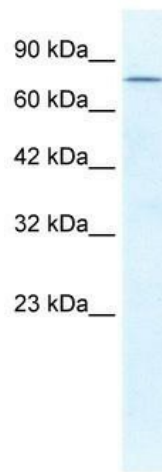
prp28; PRPF28; SNRNP100; U5-100K; U5-100KD

Note:

Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Zebrafish: 100%; Guinea pig: 100%

Protein Pathways:

Spliceosome

Product images:

WB Suggested Anti-DDX23 Antibody Titration: 1.25 ug/ml; ELISA Titer: 1:1562500; Positive Control: HepG2 cell lysate. DDX23 is strongly supported by BioGPS gene expression data to be expressed in Human HepG2 cells