DDX23 Polyclonal antibody

Catalog Number:**10199-2-AP** **1 Publications**

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Basic Information

Catalog Number:
10199-2-AP

Size:
550 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0258

GenBank Accession Number:
BC002366

GeneID (NCBI):
9416

UNIPROT ID:
Q9BUQ8

Full Name:
DEAD (Asp-Glu-Ala-Asp) box polypeptide 23

Calculated MW:
96 kDa

Observed MW:
96-100 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:500-1:1000

Applications

Tested Applications:
WB, ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
human

Positive Controls:
WB : K-562 cells,

Background Information

DEAD (Asp-Glu-Ala-Asp) box polypeptide 23 (DDX23, synonyms: prp28, MGC8416, U5-100K) is 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. DDX23 is a component of the U5 snRNP complex; it may facilitate conformational changes in the spliceosome during nuclear pre-mRNA splicing.

Notable Publications

Author	Pubmed ID	Journal	Application
Yinan Wang	39351875	Nucleic Acids Res	WB

Storage

Storage:
Store at -20℃. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data
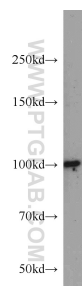
K-562 cells were subjected to SDS PAGE followed by western blot with 10199-2-AP (DDX23 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.