

DDX23 Polyclonal Antibody

Catalog number: 10199-2-AP

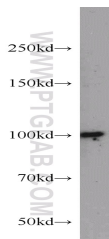
Size: 30 µg/150 µl

Source: Rabbit

Isotype: IgG

Synonyms:

DDX23; MGC8416; PRPF28; U5-100K; U5-100KD; prp28



K-562 cells were subjected to SDS PAGE followed by western blot with 10199-2-AP(DDX23 Antibody) at dilution of 1:600

Background

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.

Applications

Tested applications:	ELISA, WB
Species specificity:	Human, mouse, rat; other species not tested.
Positive WB detected in:	K-562 cells
Calculated DDX23 MW:	96kd
Observed DDX23 MW:	96-100kd
Recommended dilution:	WB: 1:200-1:2000

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation, FC = Flow cytometry

Immunogen information

Immunogen:	Ag0258
GenBank accession number:	BC002366
Gene ID (NCBI):	9416
Full name:	DEAD (Asp-Glu-Ala-Asp) box polypeptide 23

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.