

# DDX46 Rabbit Polyclonal Antibody



CAB4350

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## Product Information

### Size:

20uL, 50uL, 100uL, 200uL

### Observed MW:

117kDa

### Calculated MW:

117kDa

### Applications:

WB IHC IF

### Reactivity:

Human, Mouse, Rat

## Antibody Information

### Recommended dilutions:

WB 1:500 - 1:1000 IHC 1:50  
- 1:100 IF 1:50 - 1:100

### Source:

Rabbit

### Isotype:

IgG

### Purification:

Affinity purification

## Protein 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 17S U2 snRNP complex; it plays an important role in pre-mRNA splicing. Multiple alternatively spliced transcript variants have been found for this gene.

## Immunogen information

### Gene ID:

9879

### Uniprot

Q7L014

### Synonyms:

PRPF5; Prp5; DDX46

### Immunogen:

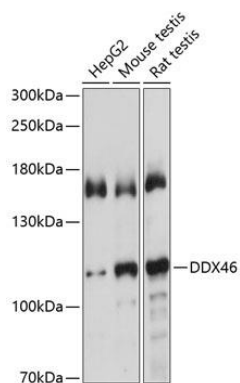
Recombinant fusion protein containing a sequence corresponding to amino acids 682-1031 of human DDX46 (NP\_055644.2).

### Storage:

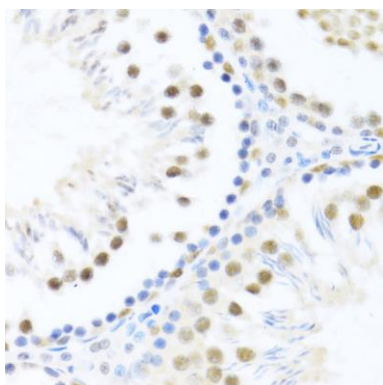
Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

## Product Images

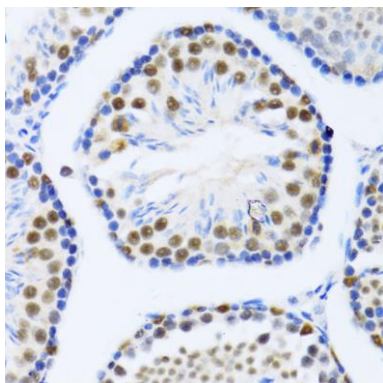
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Western blot analysis of extracts of various cell lines, using DDX46 antibody (CAB4350) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (CABM00020). Exposure time: 10s.



Immunohistochemistry of paraffin-embedded rat testis using DDX46 antibody (CAB4350) at dilution of 1:100 (40x lens).



Immunohistochemistry of paraffin-embedded mouse testis using DDX46 antibody (CAB4350) at dilution of 1:100 (40x lens).