

Datasheet for ABIN1679515
anti-DDX46 antibody (AA 682-1031)



[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	DDX46
Binding Specificity:	AA 682-1031
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DDX46 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 682-1031 of human DDX46 (NP_055644.2).
Sequence:	GLDVKHLILV VNYSCPNIHYE DYVHRAGRTG RAGNKGYAYT FITEDQARYA GDIKALELS GTAVPPDLEK LWSDFKDQK AEGKIIKKSS GFSGKGFKFD ETEQALANER KKLQKAALGL QSDDEDAAV DIDEQIESMF NSKKRVKDMA APTGSSVPAP TAGNAEKLEI AKRLALRINA QKNLGIESQD VMQQATNAIL RGGTILAPTV SAKTIAEQLA EKINAKLNYV PLEKQEEERQ DGGQNESFKR YEEEELEINDF PQTARWKVTS KEALQRSEY SEAAITIRGT YFPPGKEPKE GERKIYLAIE SANELAVQKA KAEITRLIKE ELIRLQNSYQ PTNKGRYKVL
Isotype:	IgG
Cross-Reactivity:	Human, Mouse, Rat
Characteristics:	Polyclonal Antibodies

Product Details

Purification: Affinity purification

Target Details

Target: DDX46

Alternative Name: DDX46 ([DDX46 Products](#))

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.,PRPF5,Prp5,DDX46,Epigenetics & Nuclear Signaling,DDX46

Molecular Weight: 117 kDa

Gene ID: 9879

UniProt: [Q7L014](#)

Application Details

Application Notes: WB,1:500 - 1:1000,IHC,1:50 - 1:100,IF,1:50 - 1:100

Restrictions: For Research Use only

Handling

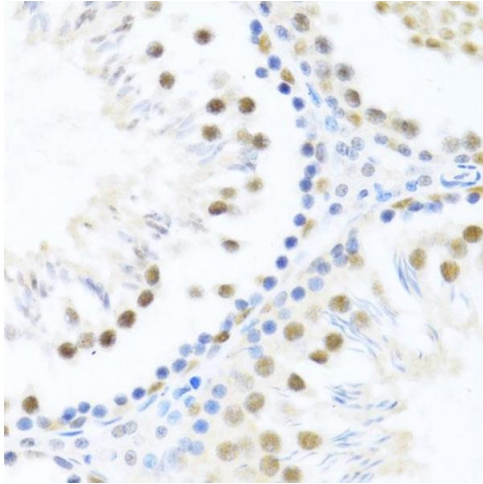
Buffer: PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

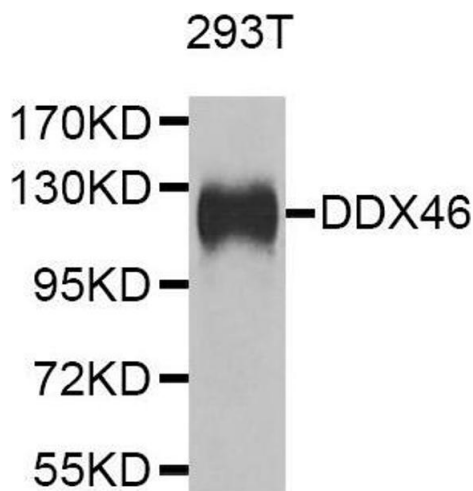
Storage: -20 °C

Storage Comment: Store at -20°C. Avoid freeze / thaw cycles.



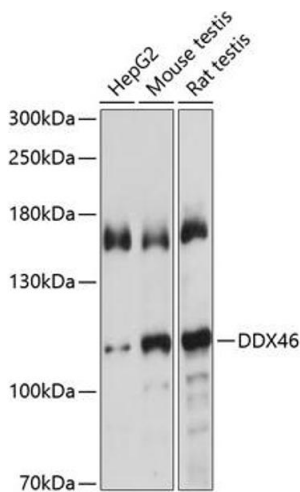
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded rat testis using DDX46 antibody at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Western Blotting

Image 2. Western blot analysis of extracts of 293T cell line, using DDX46 antibody.



Western Blotting

Image 3. Western blot analysis of extracts of various cell lines, using DDX46 antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN1679515.