

## DDX46 Polyclonal Antibody

Catalog No: #30552

Package Size: #30552-1 50ul #30552-2 100ul

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

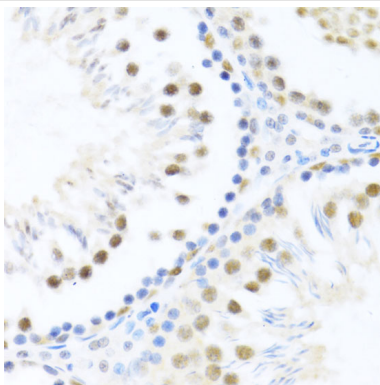
## Description

Product Name	DDX46 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC,IF
Species Reactivity	Human,Mouse,Rat
Immunogen Description	Recombinant fusion protein of human DDX46 (NP_055644.2).
Other Names	DDX46; PRPF5; Prp5; DEAD-box helicase 46
Accession No.	Swiss-Prot#:Q7L014NCBI Gene ID:9879
Uniprot	Q7L014
GeneID	9879;
Calculated MW	117kDa
Formulation	Avoid freeze / thaw cycles. Buffer: PBS with 50% glycerol, pH7.4.
Storage	Store at -20°C

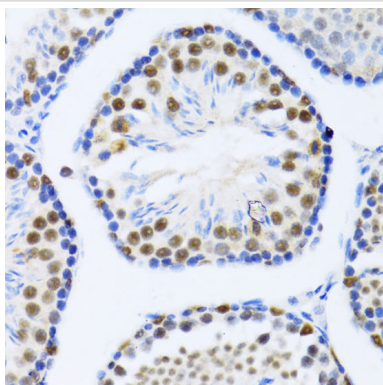
## Application Details

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

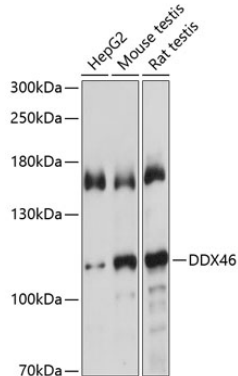
## Images



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



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



Western blot analysis of extracts of various cell lines, using DDX46 at 1:1000 dilution.

## 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.

Note: This product is for in vitro research use only