

# DHX15 Polyclonal antibody

Catalog Number: 12265-1-AP

Featured Product

6 Publications

## Basic Information

## Catalog Number:

12265-1-AP

## Size:

550 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG2895

## GenBank Accession Number:

BC035974

## GeneID (NCBI):

1665

## UNIPROT ID:

O43143

## Full Name:

DEAH (Asp-Glu-Ala-His) box polypeptide 15

## Calculated MW:

795 aa, 91 kDa

## Observed MW:

91 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:1000-1:8000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:200-1:800

## Applications

## Tested Applications:

IHC, IP, WB, ELISA

## Cited Applications:

WB, IHC

## Species Specificity:

human, mouse, rat

## Cited Species:

human, mouse, zebrafish

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

## Positive Controls:

WB : HEK-293 cells, HeLa cells, NIH/3T3 cells

IP : NIH/3T3 cells,

IHC : mouse testis tissue,

## Background Information

DHX15, also named as DBP1 and DDX15, is a DEAD/H-box protein that has been identified in spliceosome, through its carboxyl (C)-terminal G-patch domain and stimulates the helicase activity of DHX15. DHX15 is a Pre-mRNA processing factor involved in disassembly of spliceosomes after the release of mature mRNA. The MW of DHX15 is about 90-95kd.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiang-Lei Chen	29512921	J Cell Mol Med	WB
Yuanhua Cai	34077586	Cancer Sci	WB
Yong Ge	38416782	PLoS Pathog	

## Storage

## Storage:

Store at -20°C. 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

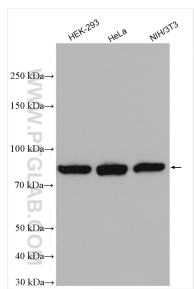
For technical support and original validation data for this product please contact:

T: 4006900926

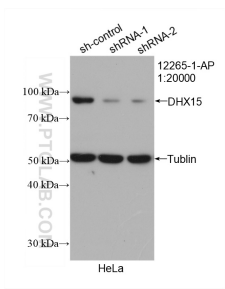
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

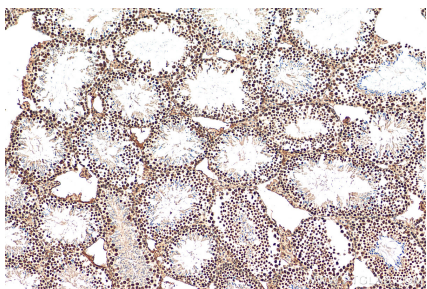
Selected Validation Data



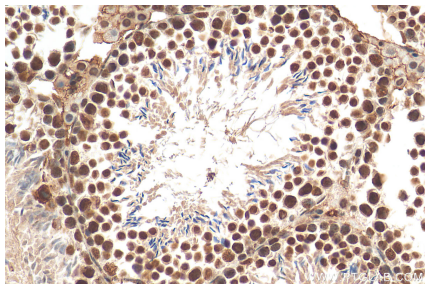
Various lysates were subjected to SDS PAGE followed by western blot with 12265-1-AP (DHX15 antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



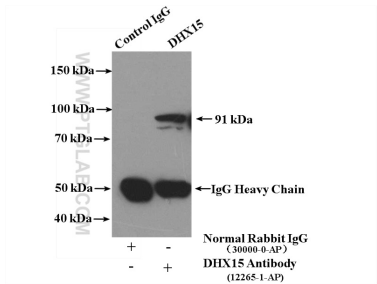
WB result of DHX15 antibody (12265-1-AP; 1:20000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DHX15 transfected HeLa cells.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 12265-1-AP (DHX15 antibody) at dilution of 1:400 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 12265-1-AP (DHX15 antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-DHX15 (IP:12265-1-AP, 4ug; Detection:12265-1-AP 1:600) with NIH/3T3 cells lysate 2000ug.