

For Research Use Only

# DHX15 Recombinant antibody, PBS Only

Catalog Number: 82137-1-PBS

Featured Product



## Basic Information

Catalog Number:

82137-1-PBS

Size:

1mg/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:

90-95 kDa

Purification Method:

Protein A purification

CloneNo.:

1F13

## Applications

Tested Applications:

WB, IHC, IF/ICC, FC (Intra), IP, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

DHX15, also named as DBP1 and DDX15, is a DExD/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 90-95kDa.

## Storage

Storage:

Store at -80°C.

**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

Storage Buffer:

PBS Only

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

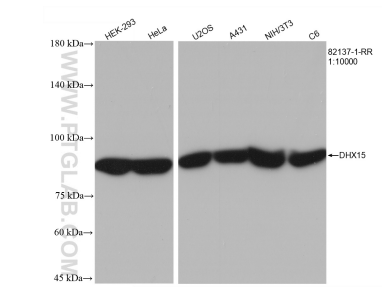
T: 4006900926

E: Proteintech-CN@ptglab.com

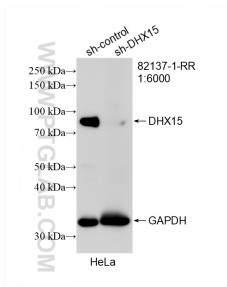
W: ptgcn.com

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

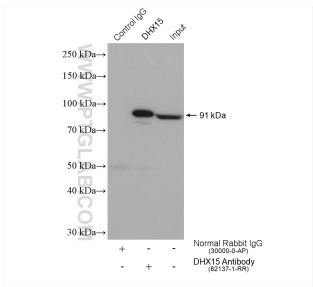
Selected Validation Data



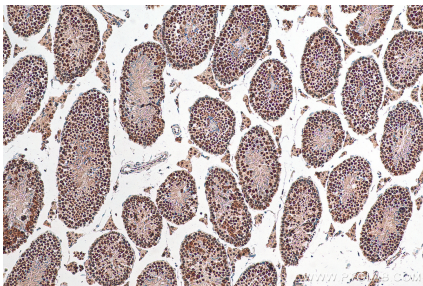
Various lysates were subjected to SDS PAGE followed by western blot with 82137-1-RR (DHX15 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82137-1-PBS in a different storage buffer formulation.



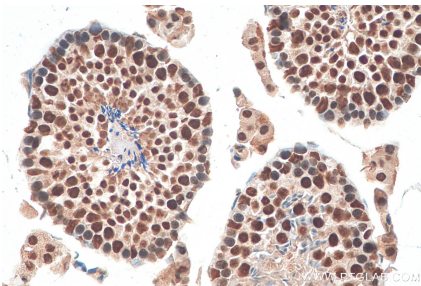
WB result of DHX15 antibody (82137-1-RR; 1:6000; incubated at room temperature for 1.5 hours) with sh-Control and sh-DHX15 transfected HeLa cells. This data was developed using the same antibody clone with 82137-1-PBS in a different storage buffer formulation.



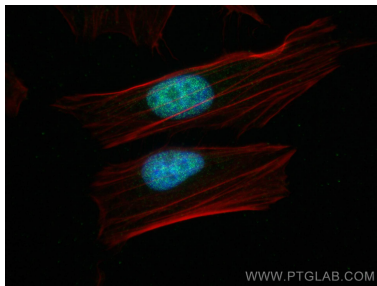
IP result of anti-DHX15 (IP:82137-1-RR, 4ug; Detection:82137-1-RR 1:8000) with NIH/3T3 cells lysate 1320 ug. This data was developed using the same antibody clone with 82137-1-PBS in a different storage buffer formulation.



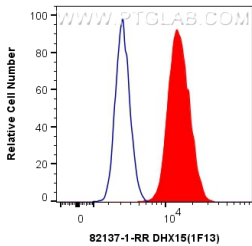
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82137-1-RR (DHX15 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82137-1-PBS in a different storage buffer formulation.



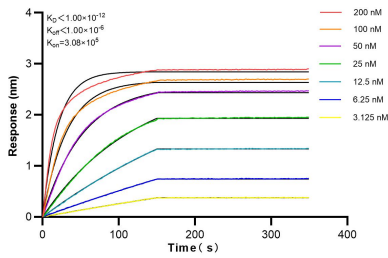
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82137-1-RR (DHX15 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 82137-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using DHX15 antibody (82137-1-RR, Clone: 1F13 ) at dilution of 1:2000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red). This data was developed using the same antibody clone with 82137-1-PBS in a different storage buffer formulation.



1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.4 ug Anti-Human DHX15 (82137-1-RR, Clone:1F13) and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Isotype Control. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011). This data was developed using the same antibody clone with 82137-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82137-1-RR against Human DHX15 were performed. The affinity constant is below 1 pM.