

For Research Use Only

DHX15 Recombinant antibody

Catalog Number: 82137-1-RR



Basic Information

Catalog Number: 82137-1-RR	GenBank Accession Number: BC035974	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 1665	CloneNo.: 1F13
Source: Rabbit	Full Name: DEAH (Asp-Glu-Ala-His) box polypeptide 15	Recommended Dilutions: WB 1:5000-1:50000 IP 0.5-4.0 ug for IP and 1:2000-1:16000 for WB
Isotype: IgG	Calculated MW: 795 aa, 91 kDa	IHC 1:250-1:1000 IF 1:1000-1:4000
Immunogen Catalog Number: AG2895	Observed MW: 90-95 kDa	

Applications

Tested Applications:
FC, IF, IHC, IP, WB, ELISA

Species Specificity:
Human, Mouse, Rat

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 : U-251 cells, HeLa cells, U2OS cells, A431 cells, NIH/3T3 cells, C6 cells

IP : NIH/3T3 cells,

IHC : mouse testis tissue,

IF : HeLa cells,

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 -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

*** 20ul sizes contain 0.1% BSA

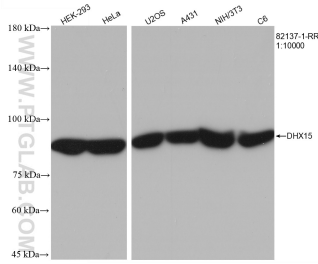
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

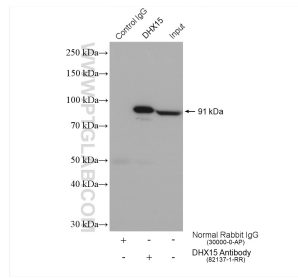
E: proteintech@ptglab.com
W: ptglab.com

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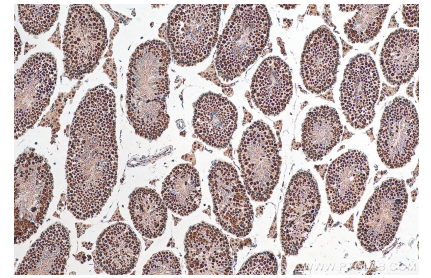
Selected Validation Data



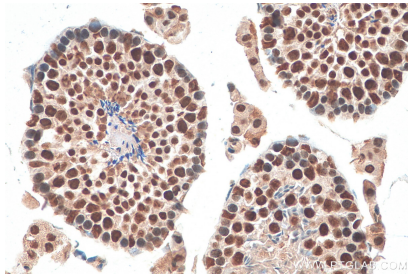
Various lysates were subjected to SDS PAGE followed by western blot with 82137-1-RR (DHX15 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



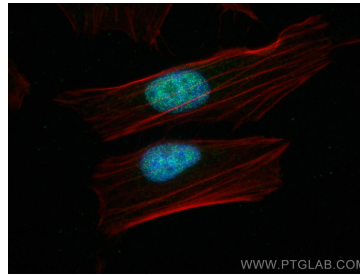
IP result of anti-DHX15(IP:82137-1-RR, 4ug; Detection:82137-1-RR 1:8000) with NIH/3T3 cells lysate 1320 ug.



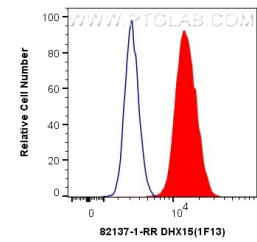
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 82137-1-RR (DHX15 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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).



1×10^6 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).