

For Research Use Only

# DHX57 Polyclonal antibody

Catalog Number: 24525-1-AP



## Basic Information

<b>Catalog Number:</b> 24525-1-AP	<b>GenBank Accession Number:</b> BC131534	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 700 µg/ml by Nanodrop and 387 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 90957	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:50-1:500 IF 1:50-1:500
<b>Source:</b> Rabbit	<b>Full Name:</b> DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1386 aa, 156 kDa	
<b>Immunogen Catalog Number:</b> AG21743	<b>Observed MW:</b> 150 kDa	

## Applications

<b>Tested Applications:</b> IF, IHC, WB, ELISA	<b>Positive Controls:</b> WB : HeLa cells, HEK-293 cells
<b>Species Specificity:</b> human, mouse	IHC : mouse testis tissue, IF : HeLa cells,
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57 (DHX57), also named as DDX57, is a member of the DEAH subfamily within the Dead box protein family which is involved in modifications of RNA secondary structure such as translation initiation, nuclear and mitochondrial splicing, and ribosome and spliceosome assembly. This antibody reacts with 150 kDa DHX57 protein.

## Storage

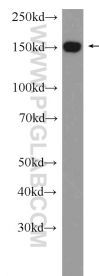
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

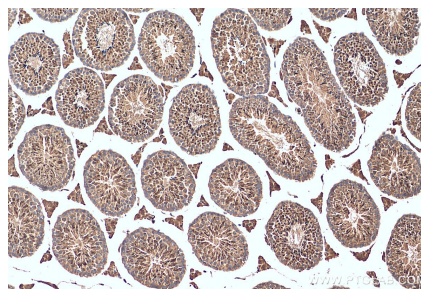
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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

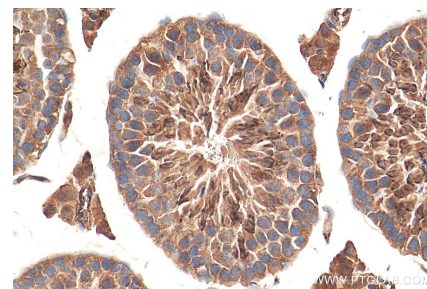
## Selected Validation Data



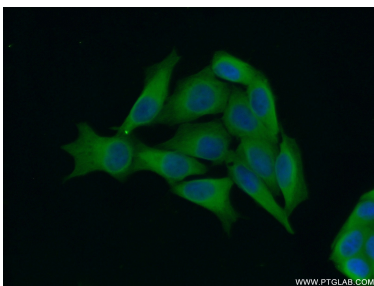
HeLa cells were subjected to SDS PAGE followed by western blot with 24525-1-AP (DHX57 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24525-1-AP (DHX57 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24525-1-AP (DHX57 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (10% Formaldehyde) fixed HeLa cells using 24525-1-AP (DHX57 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).