

For Research Use Only

DHX57 Polyclonal antibody

Catalog Number:24525-1-AP



Basic Information

Catalog Number: 24525-1-AP	GenBank Accession Number: BC131534	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 700 ug/ml by Nanodrop and 387 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 90957	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:200-1:800
Source: Rabbit	UNIPROT ID: Q6P158	
Isotype: IgG	Full Name: DEAH (Asp-Glu-Ala-Asp/His) box polypeptide 57	
Immunogen Catalog Number: AG21743	Calculated MW: 1386 aa, 156 kDa	
	Observed MW: 150 kDa	

Applications

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

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

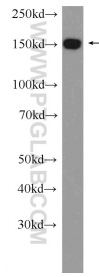
For technical support and original validation data for this product please contact:

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

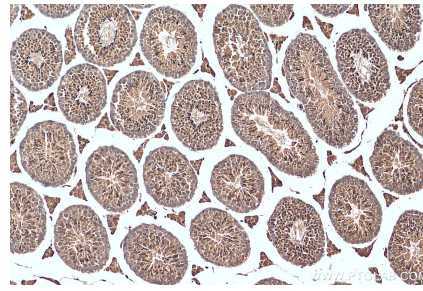
E: proteintech@ptglab.com
W: ptglab.com

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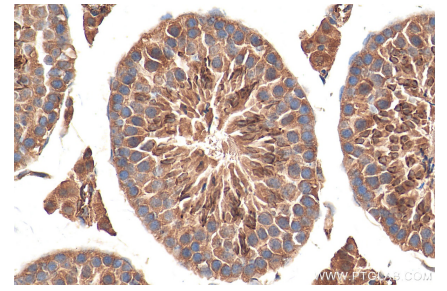
Selected Validation Data



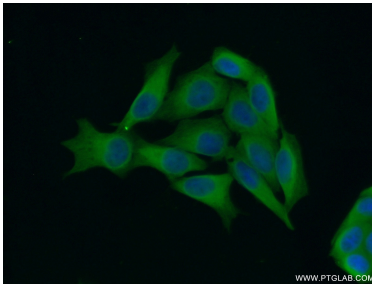
HeLa cells were subjected to SDS PAGE followed by western blot with 24525-1-AP (DHX57 Antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



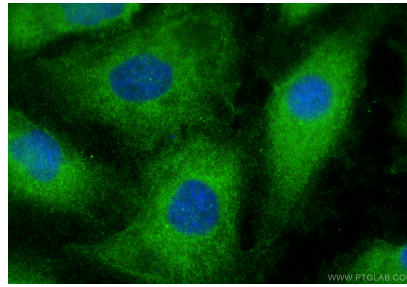
Immunohistochemical analysis of paraffin-embedded mouse testis tissue slide using 24525-1-AP (DHX57 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using DHX57 antibody (24525-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).