

For Research Use Only

# DHX38 Polyclonal antibody

Catalog Number:10098-2-AP

Featured Product

8 Publications



## Basic Information

### Catalog Number:

10098-2-AP

### Size:

150ul , Concentration: 450 ug/ml by Nanodrop and 267 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG0144

### GenBank Accession Number:

BC004235

### GeneID (NCBI):

9785

### UNIPROT ID:

Q92620

### Full Name:

DEAH (Asp-Glu-Ala-His) box polypeptide 38

### Calculated MW:

141 kDa

### Observed MW:

141 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:3000

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

## Applications

### Tested Applications:

WB, IP, ELISA

### Cited Applications:

WB, IP, IF, IHC, CoIP, ChIP

### Species Specificity:

human, mouse, rat

### Cited Species:

human, mouse

### Positive Controls:

WB : HEK-293 cells, HepG2 cells, HeLa cells, NIH/3T3 cells

IP : HeLa cells,

## Background Information

The protein encoded by this gene is a member of the DEAD/H box family of splicing factors, which are involved in pre-mRNA splicing. The yeast prp16 is an essential splicing factor that catalyzes RNA-dependent hydrolysis of nucleoside triphosphates, acting as an ATPase. This protein resembles yeast Prp16 more closely than other DEAD/H family members and also is a general splicing factor essential for catalytic step II during pre-mRNA processing. Western blot analysis showed it is a 140-KD nuclear protein expressed in various tissues.

## Notable Publications

Author	Pubmed ID	Journal	Application
Durcova-Hills Gabriela G	18953407	PLoS One	IF
C Eguizabal	27300161	Stem Cells	
Qiong Pan	30063921	Gastroenterology	WB

## 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

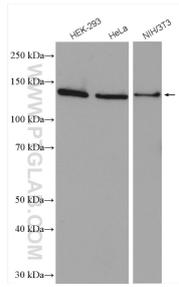
For technical support and original validation data for this product please contact:

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

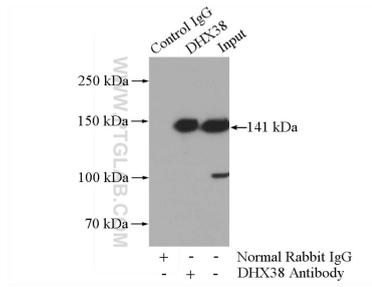
E: proteintech@ptglab.com  
W: ptglab.com

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10098-2-AP (DHX38 antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



IP result of anti-DHX38 (IP:10098-2-AP, 4ug; Detection:10098-2-AP 1:700) with HeLa cells lysate 1400ug.