

For Research Use Only

# DHX38 Polyclonal antibody

Catalog Number: 10098-2-AP

Featured Product

8 Publications



## Basic Information

**Catalog Number:**

10098-2-AP

**Size:**

450 µg/ml

**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 µg for 1.0-3.0 mg of total protein lysate

## Applications

**Tested Applications:**

IP, WB, ELISA

**Cited Applications:**

ChIP, CoIP, IF, IHC, IP, WB

**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

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

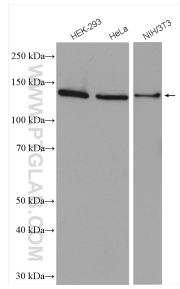
T: 4006900926

E: Proteintech-CN@ptglab.com

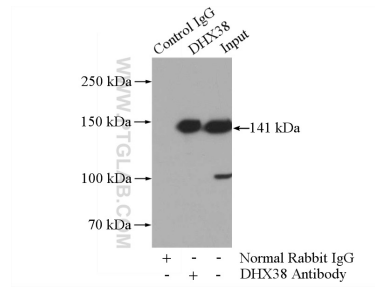
W: ptgcn.com

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## 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.