

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:

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

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

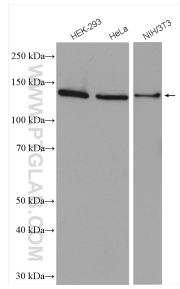
T: 4006900926

E: Proteintech-CN@ptglab.com

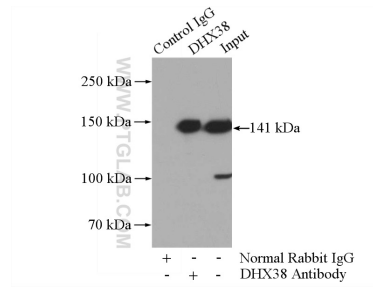
W: ptgcn.com

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.