

For Research Use Only

RPAP1 Polyclonal antibody

Catalog Number: 15138-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

15138-1-AP

Size:

450 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7286

GenBank Accession Number:

BC000246

GeneID (NCBI):

26015

UNIPROT ID:

Q9BWH6

Full Name:

RNA polymerase II associated protein

1

Calculated MW:

153 kDa

Observed MW:

153 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse

Positive Controls:

WB : HEK-293 cells, HeLa cells, mouse brain tissue

IP : HeLa cells,

Background Information

RNA polymerase II-associated protein 1 (RPAP1) encodes a nuclear 153-kDa protein, and forms an interface between the RNA polymerase II (RNAPII) enzyme and chaperone/scaffolding protein, suggesting that it is required to connect RNA polymerase II to regulators of protein complex formation. RPAP1 is required for interaction of the RNA polymerase II complex with acetylated histone H3 and the subsequent DNA transcription.

Notable Publications

Author	Pubmed ID	Journal	Application
Isabel Pablos	34672947	Cell Rep	WB
Cian J Lynch	29320736	Cell Rep	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:

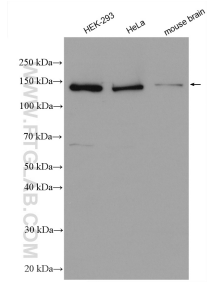
T: 4006900926

E: Proteintech-CN@ptglab.com

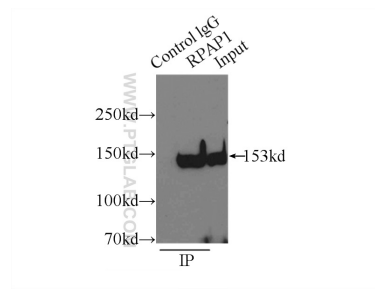
W: ptgcn.com

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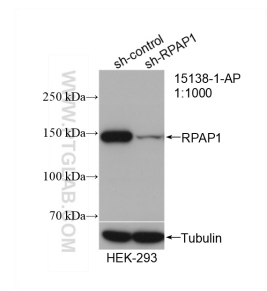
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15138-1-AP (RPAP1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-RPAP1 (IP:15138-1-AP, 3ug; Detection:15138-1-AP 1:800) with HeLa cells lysate 3000ug.



WB result of RPAP1 antibody (15138-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RPAP1 transfected HEK-293 cells.