

For Research Use Only

RNF181 Polyclonal antibody

Catalog Number: 20408-1-AP

1 Publications



Basic Information

Catalog Number:

20408-1-AP

Size:

900 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14233

GenBank Accession Number:

BC002803

GeneID (NCBI):

51255

UNIPROT ID:

Q9P0P0

Full Name:

ring finger protein 181

Calculated MW:

153 aa, 18 kDa

Observed MW:

18 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

IHC 1:20-1:200

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF/ICC, IP, ELISA

Cited Applications:

WB

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

Positive Controls:

WB : Jurkat cells, L02 cells

IP : Jurkat cells,

IHC : human kidney tissue, human heart tissue

IF/ICC : HepG2 cells,

Background Information

RNF181, also named as HSPC238, is a 153 amino acid protein, which belongs to the RNF181 family. RNF181 is widely expressed, with highest levels in liver and heart and lowest levels in brain and skeletal muscle. RNF181 as a E3 ubiquitin-protein ligase, accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Western blot analysis detected RNF181 protein in human platelets as a 36-kD dimer and an 18-kD monomer.

Notable Publications

Author	Pubmed ID	Journal	Application
Jia-Yu Tan	26398855	Oncol 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:

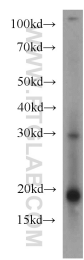
T: 4006900926

E: Proteintech-CN@ptglab.com

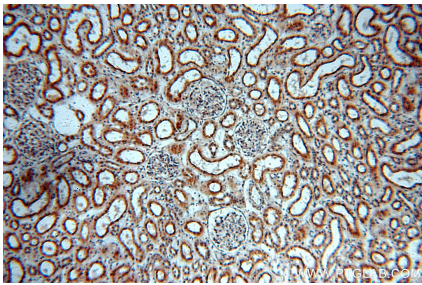
W: ptgcn.com

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

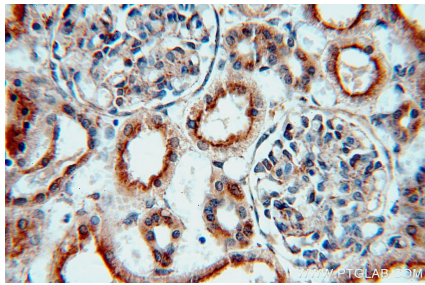
Selected Validation Data



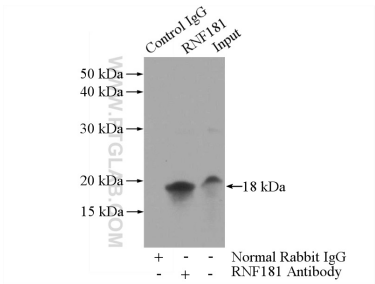
Jurkat cells were subjected to SDS PAGE followed by western blot with 20408-1-AP (RNF 181 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



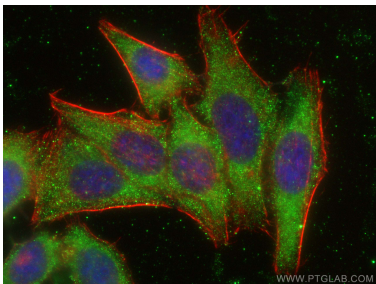
Immunohistochemical analysis of paraffin-embedded human kidney using 20408-1-AP (RNF 181 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 20408-1-AP (RNF 181 antibody) at dilution of 1:100 (under 40x lens).



IP result of anti-RNF181 (IP:20408-1-AP, 3ug; Detection:20408-1-AP 1:500) with Jurkat cells lysate 1200ug.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using RNF181 antibody (20408-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).