

For Research Use Only

RNF123 Polyclonal antibody

Catalog Number: 25260-1-AP



Basic Information

Catalog Number:

25260-1-AP

Size:

450 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG19653

GenBank Accession Number:

BC130632

GeneID (NCBI):

63891

UNIPROT ID:

Q5XPI4

Full Name:

ring finger protein 123

Calculated MW:

1314 aa, 149 kDa

Observed MW:

149 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:2000-1:10000

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

Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human

Positive Controls:

WB : A549 cells, HEK-293 cells, HeLa cells, HuH-7 cells

IP : HeLa cells,

Background Information

RING finger protein 123 (RNF123), also known as KPC1, is an E3 ubiquitin ligase that belongs to the RING-finger family of ligases that contain a 40-60-amino acid long RING domain which is essential for causing substrate ubiquitination (PMID: 29676528). RNF123 promoted TLR3/IRF7-induced type I IFN signaling and inhibited viral replication by degrading SOCS1 (PMID: 37014223).

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:

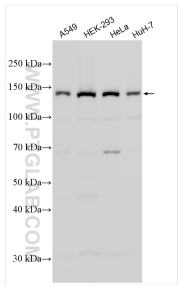
T: 4006900926

E: Proteintech-CN@ptglab.com

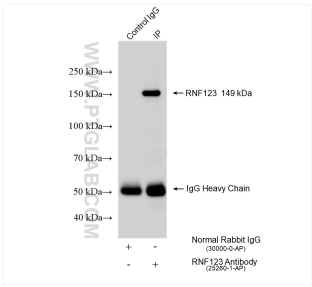
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 25260-1-AP (RNF123 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



IP result of anti-RNF123 (IP:25260-1-AP, 4ug; Detection:25260-1-AP 1:600) with HeLa cells lysate 1200 ug.