

For Research Use Only

# RNGTT Polyclonal antibody

Catalog Number: 12430-1-AP

1 Publications



## Basic Information

Catalog Number:

12430-1-AP

Size:

260 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3105

GenBank Accession Number:

BC019954

GeneID (NCBI):

8732

UNIPROT ID:

O60942

Full Name:

RNA guanylyltransferase and 5'-phosphatase

Calculated MW:

597 aa, 69 kDa

Observed MW:

69 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

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

## Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

human

Positive Controls:

WB : human kidney tissue,

IP : mouse kidney tissue,

## Background Information

RNGTT(mRNA-capping enzyme) is also named as HCAP1, HCE, CAP1A. In the N-terminal section it belongs to the non-receptor class of the protein-tyrosine phosphatase family and in the C-terminal section it belongs to the eukaryotic GTase family. It is a bifunctional 597-amino acid protein with RNA triphosphatase and RNA guanylyltransferase activities(PMID:9545288). It has 4 isoforms produced by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Daniel Blears	39504960	Mol Cell	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:

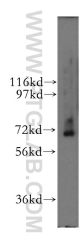
T: 4006900926

E: Proteintech-CN@ptglab.com

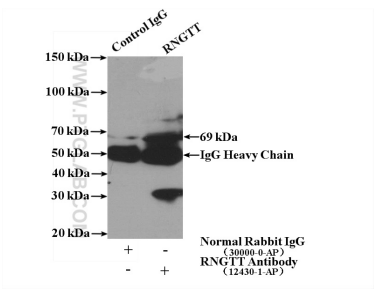
W: ptgcn.com

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Selected Validation Data



human kidney tissue were subjected to SDS PAGE followed by western blot with 12430-1-AP (RNGTT antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



IP result of anti-RNGTT (IP:12430-1-AP, 4ug; Detection:12430-1-AP 1:500) with mouse kidney tissue lysate 4000ug.