

For Research Use Only

# RNF7 Polyclonal antibody

Catalog Number: 11905-1-AP

Featured Product

2 Publications



## Basic Information

**Catalog Number:**

11905-1-AP

**Size:**

500 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG2553

**GenBank Accession Number:**

BC008627

**GeneID (NCBI):**

9616

**UNIPROT ID:**

Q9UBF6

**Full Name:**

ring finger protein 7

**Calculated MW:**

113 aa, 13 kDa

**Observed MW:**

13 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

IF 1:50-1:500

## Applications

**Tested Applications:**

IF/ICC, IF-P, IP, WB, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human

**Positive Controls:**

WB : human liver tissue, human heart tissue, human skeletal muscle tissue, human testis tissue

IP : mouse heart tissue,

IF : mouse heart tissue, HepG2 cells

## Background Information

RNF (ring finger protein 7) is a novel zinc RING finger protein which is redox responsive and protects mammalian cells from apoptosis. It is shown to be localised in the cytoplasm and nucleus of the cell and is expressed in the heart, liver, skeletal muscle predominantly. RNF7 forms oligomers (55 kDa), dimer (28 kDa) and monomer (13 kDa) in the presence of different concentrations of the reductant.

## Notable Publications

Author	Pubmed ID	Journal	Application
Tengyu Ko	30844312	FASEB J	WB
Junfeng Xu	25540389	Mol Cell Proteomics	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:

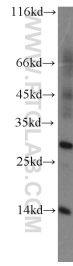
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

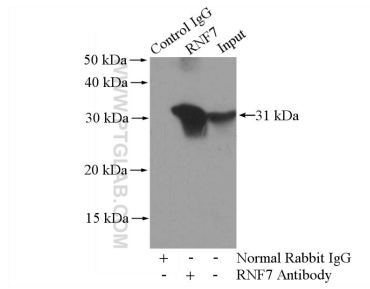
W: [ptgcn.com](http://ptgcn.com)

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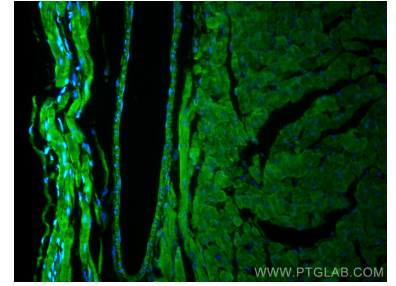
## Selected Validation Data



human liver tissue were subjected to SDS PAGE followed by western blot with 11905-1-AP (RNF7 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-RNF7 (IP:11905-1-AP, 4 $\mu$ g; Detection:11905-1-AP 1:600) with mouse heart tissue lysate 4400 $\mu$ g.



Immunofluorescent analysis of (4% PFA) fixed mouse heart tissue using RNF7 antibody (11905-1-AP) at dilution of 1:200 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).