

For Research Use Only

# RNF6 Polyclonal antibody

Catalog Number: 20437-1-AP

Featured Product

6 Publications



## Basic Information

**Catalog Number:**

20437-1-AP

**Size:**

220 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG14209

**GenBank Accession Number:**

BC034688

**GeneID (NCBI):**

6049

**UNIPROT ID:**

Q9Y252

**Full Name:**

ring finger protein (C3H2C3 type) 6

**Calculated MW:**

685 aa, 78 kDa

**Observed MW:**

78 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

IF 1:10-1:100

## Applications

**Tested Applications:**

IF/ICC, IP, WB, ELISA

**Cited Applications:**

WB, IP, IF, IHC, ChIP

**Species Specificity:**

human, mouse

**Cited Species:**

human, mouse

**Positive Controls:**

WB : mouse testis tissue, PC-3 cells

IP : mouse testis tissue,

IF : HepG2 cells,

## Background Information

RNF6 was firstly cloned in a genetic study of chromosomal rearrangements in myeloproliferative disorders, mapping to chromosome 13q12.12 [PMID:10331950]. It containing a coiled-coil domain at the N-terminus, and a RING-H2 finger at the C-terminus which is responsible for its ubiquitin ligase activity. It also activate Inha gene expression by participating in a protein complex binding to the promoter region [PMID:11971979]. In addition, LIMK1 is a substrate of RNF6 and the RNF6-induced LIMK1 polyubiquitination is mediated via K48 of ubiquitin and leads to proteasomal degradation of the kinase [PMID:16204183].

## Notable Publications

Author	Pubmed ID	Journal	Application
Ying Ren	31645658	Acta Pharmacol Sin	WB
Hui Xu	34611311	Oncogene	WB,IF,ChIP
Yile Sun	35278611	Cancer Lett	IHC

## 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:

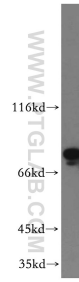
T: 4006900926

E: Proteintech-CN@ptglab.com

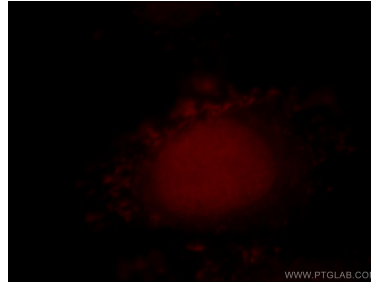
W: ptgcn.com

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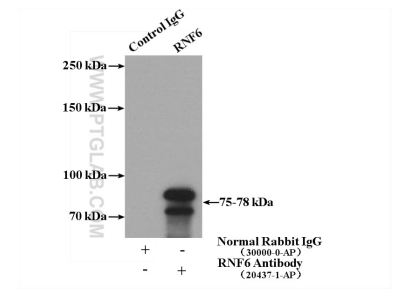
## Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 20437-1-AP (RNF6 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using RNF6 antibody 20437-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP result of anti-RNF6 (IP:20437-1-AP, 4ug; Detection:20437-1-AP 1:800) with mouse testis tissue lysate 4000ug.