

For Research Use Only

RNF6 Polyclonal antibody

Catalog Number: 20437-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:
20437-1-AP

Size:
150ul, Concentration: 220 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG14209

GenBank Accession Number:
BC034688

GeneID (NCBI):
6049

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 ug for IP and 1:500-1:1000 for WB
IF 1:10-1:100

Applications

Tested Applications:
IF, IP, WB, ELISA

Cited Applications:
ChIP, IF, IHC, IP, WB

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

*** 20ul sizes contain 0.1% BSA

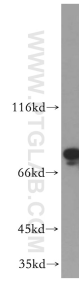
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

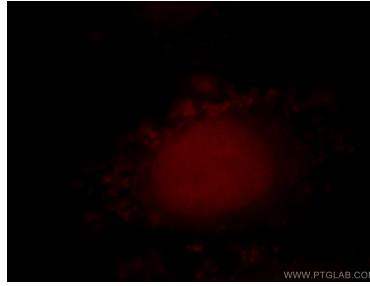
E: proteintech@ptglab.com
W: ptglab.com

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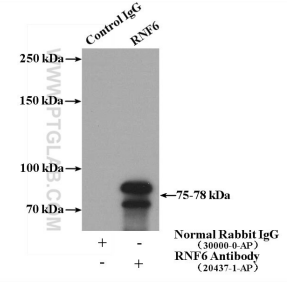
Selected Validation Data



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.