

For Research Use Only

RNF6 Polyclonal antibody

Catalog Number: 20437-1-AP

Featured Product

6 Publications



Basic Information

Catalog Number:

20437-1-AP

Concentration:

220 ug/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 ug for 1.0-3.0 mg of total protein lysate

IF/ICC 1:50-1:500

Applications

Tested Applications:

WB, IF/ICC, IP, ELISA

Cited Applications:

WB, IHC, IF, IP, ChIP

Species Specificity:

human, mouse

Cited Species:

human, mouse

Positive Controls:

WB : mouse testis tissue, PC-3 cells

IP : mouse testis tissue,

IF/ICC : SW480 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:

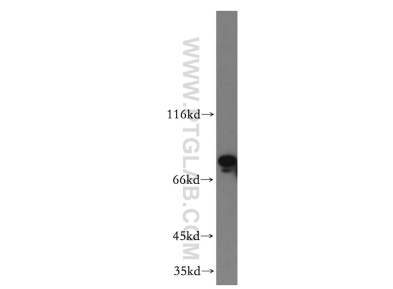
T: 4006900926

E: Proteintech-CN@ptglab.com

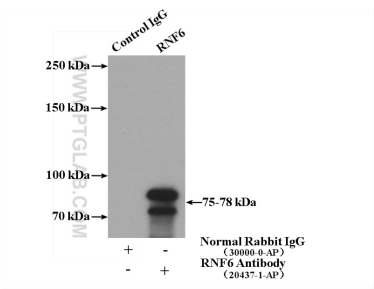
W: ptgcn.com

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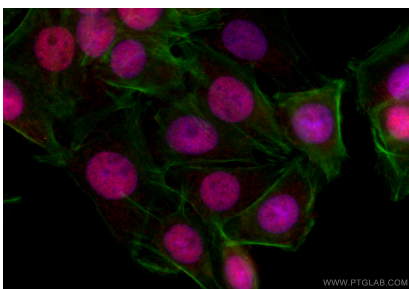
Selected Validation Data



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.



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



Immunofluorescent analysis of (4% PFA) fixed SW480 cells using RNF6 antibody (20437-1-AP) at dilution of 1:200 and CoraLite®594-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-4), CL488-phalloidin (green).