

For Research Use Only

Pirh2 Polyclonal antibody

Catalog Number: 13820-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number:

13820-1-AP

Size:

400 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4916

GenBank Accession Number:

BC047393

GeneID (NCBI):

25898

UNIPROT ID:

Q96PM5

Full Name:

ring finger and CHY zinc finger domain containing 1

Calculated MW:

261 aa, 30 kDa

Observed MW:

45 kDa, 30 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IHC 1:50-1:500

Applications

Tested Applications:

IHC, WB, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human, mouse

Cited Species:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : mouse spleen tissue, HEK-293 cells, mouse testis tissue

IHC : mouse liver tissue,

Background Information

Pirh2 is also named as RCHY1, ARNIP, CHIMP, PIRH2, RNF199, ZNF363 and has p53-induced ubiquitin-protein ligase activity, promoting p53 degradation. Pirh2 monoubiquitinates the translesion DNA polymerase POLH and contributes to the regulation of the cell cycle progression. This protein has 8 isoforms produced by alternative splicing and can exist as a monomer or homodimer.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------|-----------|-------------------|-------------|
| Rong Fu | 30888162 | J Agric Food Chem | WB |
| Yang Zhang | 35857842 | Sci Adv | WB,IHC |
| Pengbo Cao | 34433556 | Sci Adv | 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:

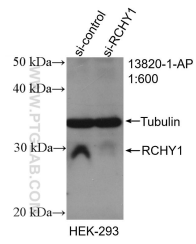
T: 4006900926

E: Proteintech-CN@ptglab.com

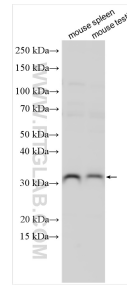
W: ptgcn.com

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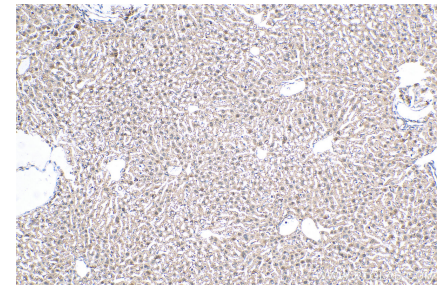
Selected Validation Data



WB result of Pirh2 antibody (13820-1-AP; 1:600; incubated at room temperature for 1.5 hours) with sh-Control and sh-Pirh2 transfected HEK-293 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 13820-1-AP (Pirh2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 13820-1-AP (Pirh2 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).