

For Research Use Only

Pirh2 Polyclonal antibody

Catalog Number: 13820-1-AP

Featured Product

3 Publications



Basic Information

Catalog Number: 13820-1-AP	GenBank Accession Number: BC047393	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 25898	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	Full Name: ring finger and CHY zinc finger domain containing 1	
Isotype: IgG	Calculated MW: 261 aa, 30 kDa	
Immunogen Catalog Number: AG4916	Observed MW: 45 kDa, 30 kDa	

Applications

Tested Applications:
IHC, WB, ELISA

Cited Applications:
IHC, WB

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

*** 20ul sizes contain 0.1% BSA

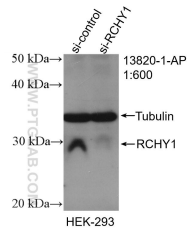
For technical support and original validation data for this product please contact:

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

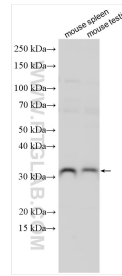
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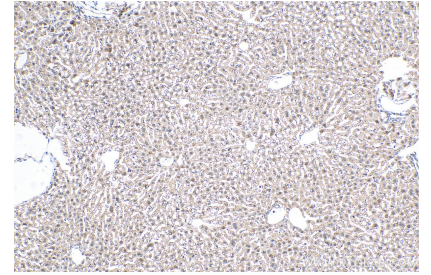
Selected Validation Data



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).