

For Research Use Only

PIR Polyclonal antibody

Catalog Number: 10263-1-AP

Featured Product

1 Publications



Basic Information

Catalog Number:

10263-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0330

GenBank Accession Number:

BC002517

GeneID (NCBI):

8544

UNIPROT ID:

O00625

Full Name:

pirin (iron-binding nuclear protein)

Calculated MW:

32 kDa

Observed MW:

35 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HepG2 cells, HeLa cells

IP : HeLa cells,

IHC : human stomach tissue,

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

Background Information

Pirin (iron-binding nuclear protein, PIR) is a highly conserved 32-kDa protein consisting of 290 amino acids. Pirin mRNA is expressed weakly in all human tissues. Confocal immunofluorescence experiments demonstrate a predominant localization of Pirin within dot-like subnuclear structures. Pirin interacts with the oncoprotein B-cell lymphoma 3-encoded (Bcl-3) and nuclear factor I (NFI).

Notable Publications

Author	Pubmed ID	Journal	Application
Muhammad Suleman	31500513	Cell Cycle	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

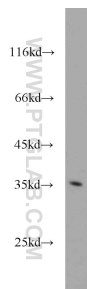
For technical support and original validation data for this product please contact:

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

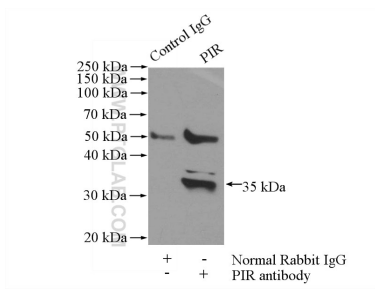
E: proteintech@ptglab.com
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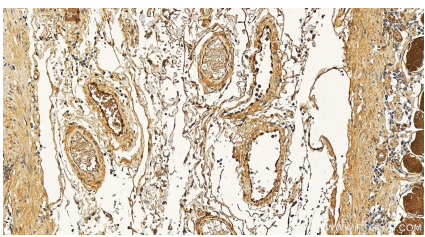
Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 10263-1-AP (PIR antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



IP result of anti-PIR (IP:10263-1-AP, 4ug; Detection:10263-1-AP 1:300) with HeLa cells lysate 1200ug.



Immunohistochemical analysis of paraffin-embedded human stomach tissue slide using 10263-1-AP (PIR antibody) at dilution of 1:100 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).