For Research Use Only

PIR Polyclonal antibody

Catalog Number:10263-1-AP Featured Product 1 Publications

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Basic Information

Catalog Number:
10263-1-AP

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

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG0330

GenBank Accession Number:
BC002517

GeneID (NCBI):
8544

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 IP and 1:200-1:1000 for WB

Applications

Tested Applications:
IP, WB,ELISA

Cited Applications:
WB

Species Specificity:
human

Cited Species:
human

Positive Controls:

WB : HepG2 cells, HeLa cells

IP : HeLa cells,

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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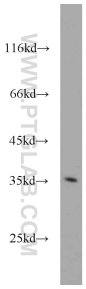
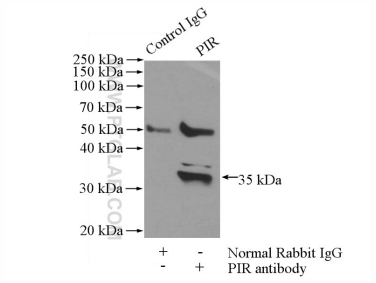
Selected Validation Data



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.