

IRF1 Polyclonal antibody

Catalog Number: 11335-1-AP

Featured Product

27 Publications

Basic Information

Catalog Number: 11335-1-AP	GenBank Accession Number: BC009483	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop;	GeneID (NCBI): 3659	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: IRF 1	
Isotype: IgG	Calculated MW: 325 aa, 37 kDa	
Immunogen Catalog Number: AG1879	Observed MW: 45-50 kDa	

Applications

Tested Applications: FC, IHC, IP, WB, ELISA	Positive Controls:
Cited Applications: ChIP, CoIP, IF, IHC, WB	WB : IFN gamma treated HeLa cells, Jurkat cells, HL-60 cells, Raji cells
Species Specificity: human, mouse, rat	IHC : human breast cancer tissue,
Cited Species: human, rat, mouse, monkey, pig	
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

IRF1, also named as IFN regulatory factor 1, is a 325 amino acid protein, which belongs to the IRF family. IRF1 as a transcriptional regulator which displays a remarkable functional diversity in the regulation of cellular responses. The calculated molecular weight of IRF1 is 37 kDa, but the modified IRF1 protein is about 45-50 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Bin Zhang	32964498	Neurochem Res	WB
Hironori Bando	30283439	Front Immunol	WB
Shilong Zhang	33013386	Front Pharmacol	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.

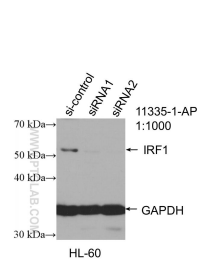
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

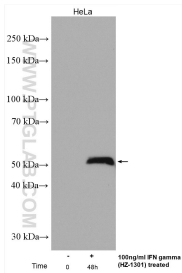
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

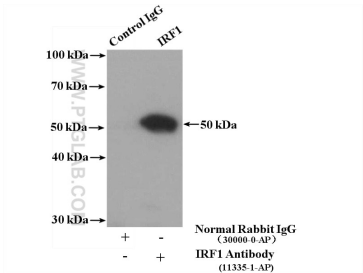
Selected Validation Data



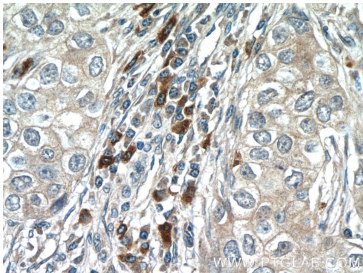
WB result of IRF1 antibody (11335-1-AP; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-IRF1 transfected HL-60 cells.



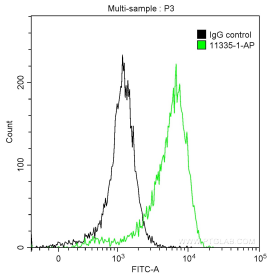
Western blot analysis of HeLa cells, untreated or treated with Human IFN-γ (hIFN-γ) HZ-1301 (100 ng/ml, 48 hr), using 11335-1-AP (IRF1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



IP result of anti-IRF1 (IP:11335-1-AP, 4ug; Detection:11335-1-AP 1:300) with HL-60 cells lysate 4400 ug.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 11335-1-AP (IRF1 Antibody) at dilution of 1:50 (under 40x lens).



1X10⁶ Jurkat cells were intracellularly stained with 0.5 ug Anti-Human IRF1 (11335-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (green), and 0.5 ug Control Antibody. Cells were fixed with 4% PFA and permeabilized with 0.1% TritonX-100.