

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IRF3



Numéro de catalogue: 11312-1-AP

Phare

139 Publications

Informations de base

Numéro de catalogue:
11312-1-AP

Taille:
150ul, Concentration: 600 µg/ml by
Nanodrop;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG1858

Numéro d'acquisition GenBank:
BC009395

Identification du gène (NCBI):
3661

Nom complet:
interferon regulatory factor 3

MW calculé
47 kDa

MW observés:
50-60 kDa

Méthode de purification:
Purification par affinité contre
l'antigène

Dilutions recommandées:
WB 1:5000-1:50000
IP 0.5-4.0 ug for IP and 1:500-1:2000
for WB
IHC 1:50-1:200
IF 1:10-1:100

Applications

Applications testées:
FC, IF, IHC, IP, WB, ELISA

Demandes citées:
ChIP, CoIP, IF, IHC, IP, RIP, WB

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, porc, rat, singe

Contrôles positifs:

WB : cellules HEK-293T, cellules HCT 116, cellules HeLa, cellules Jurkat, cellules MCF-7, cellules MDA-MB-231, cellules U-937, tissu cérébral humain

IP : cellules Jurkat,

IHC : tissu splénique humain,

IF : cellules HepG2,

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (*) À défaut, le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Informations générales

The virul-induced expression of interferon(IFN) genes in infected cells implicate in the interplay of several constitutively expressed and virus-activated transcription factors. A family of IFN regulatory factors(IRFs) have been shown to has a role in the transcription of IFN genes as well as IFN-stimulated genes. IRF3 is a novel key transcriptional regulator of type I IFN-dependent immune responses and involves in the innate immune response against DNA and RNA viruses, by binding to the promoters of IFN. It located in the cytoplasm of uninfected cells in an inactive form, and following viral infection, double-stranded RNA (dsRNA), or toll-like receptor (TLR) signaling, could be phosphorylated by IKKε and TBK1 kinases. This induces a conformational change, leading to its dimerization, nuclear localization and association with CREB binding protein (CREBBP) to form dsRNA-activated factor 1 (DRAF1), a complex which activates the transcription of the type I IFN and ISG genes. IRF3 exists some isoforms with MV 47-49 kDa, 33 kDa and 12-16 kDa.

Publications notables

Autrice	Pubmed ID	Journal	Application
Tianxiao Xu	34571002	J Invest Dermatol	WB
Meidi Gu	25239187	Cell Signal	WB
Zongyi Bo	32933581	Vet Res	WB,IF,CoIP,ChIP

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

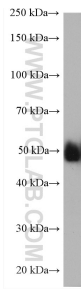
For technical support and original validation data for this product please contact:

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

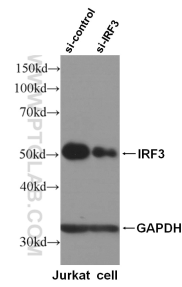
E: proteintech@ptglab.com
W: ptglab.com

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

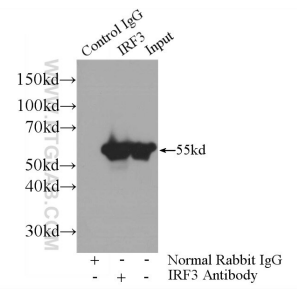
Données de validation sélectionnées



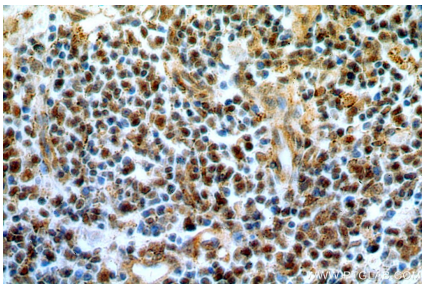
HeLa cells were subjected to SDS PAGE followed by western blot with 11312-1-AP (IRF3 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



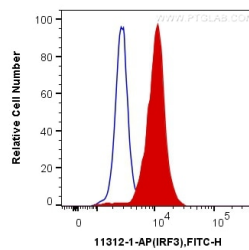
WB result of IRF3 specific antibody (11312-1-AP, 1:5000) with si-control and si-IRF3 transfected Jurkat cells.



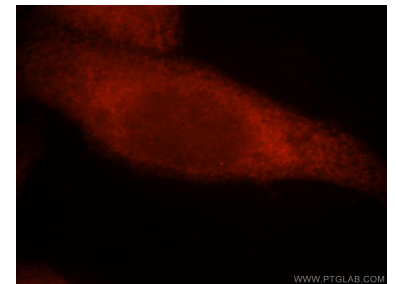
IP Result of anti-IRF3 (IP:11312-1-AP, 3ug; Detection:11312-1-AP 1:1000) with Jurkat cells lysate 2400ug.



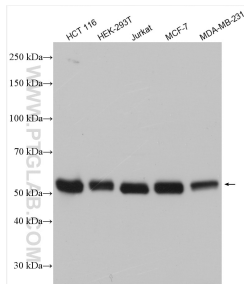
Immunohistochemical analysis of paraffin-embedded human spleen using 11312-1-AP (IRF3 antibody) at dilution of 1:50 (under 40x lens).



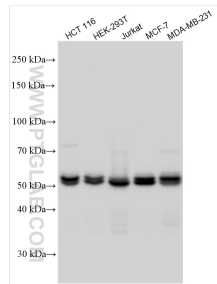
1x10⁶ HepG2 cells were intracellularly stained with 0.2 ug Anti-Human IRF3 (11312-1-AP) and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



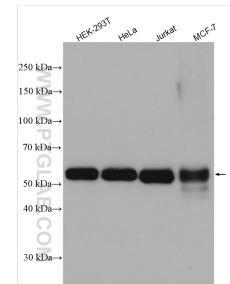
Immunofluorescent analysis of HepG2 cells, using IRF3 antibody 11312-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



Various lysates were subjected to SDS PAGE followed by western blot with 11312-1-AP (IRF3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 11312-1-AP (IRF3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 11312-1-AP (IRF3 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.