À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IRF9

proteintech®
Antibodies | ELISA kits | Proteins
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Numéro de catalogue:14167-1-AP Phare 20 Publications

Informations de base

Numéro de catalogue:
14167-1-AP

Taille:
150ul , Concentration: 600 μg/ml by Nanodrop and 393 μg/ml by Bradford method using BSA as the standard;

Hôte:
Lapin

Isotype:
IgG

Immunogen Catalog Number:
AG5365

Numéro d'acquisition GenBank:
BC035716

Identification du gène (NCBI):
10379

Nom complet:
IRF 9

MW calculé
393 aa, 44 kDa

MW observés:
44-48 kDa

Méthode de purification:
Purification par affinité contre l'antigène

Dilutions recommandées:
WB 1:500-1:2000
IP 0.5-4.0 ug for IP and 1:500-1:1000 for WB
IHC 1:50-1:500
IF 1:20-1:200

Applications

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

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

Spécificité de l'espèce:
Humain

Espèces citées:
Humain, rat, souris

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.

Contrôles positifs:

WB : cellules A549, cellules HeLa, cellules HepG2, cellules MCF-7, cellules THP-1, tissu cardiaque de rat, tissu cardiaque de souris

IP : tissu cardiaque de souris,

IHC : tissu de cancer du col de l'utérus humain,

IF : cellules HepG2,

Informations générales

IRF9 also named ISGF3 is a transcription regulatory factor that mediates signaling by type I IFNs (IFN-alpha and IFN-beta). Following type I IFN binding to cell surface receptors, Jak kinases (TYK2 and JAK1) are activated, leading to tyrosine phosphorylation of STAT1 and STAT2. The phosphorylated STATs dimerize, associate with IRF9/ISGF3G to form a complex termed ISGF3 transcription factor, that enters the nucleus. ISGF3 binds to the IFN stimulated response element (ISRE) to activate the transcription of IFN stimulated genes, which drive the cell in an antiviral state.

Publications notables

Autrice	Pubmed ID	Journal	Application
Yinglu Li	36206767	Mol Cell	WB
Joshua E Burda	35614216	Nature	IHC
Joshua D Jackson	26883073	Mol Cancer Res	WB

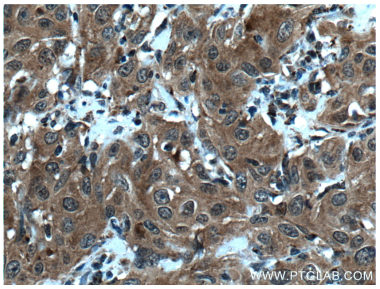
Stockage

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

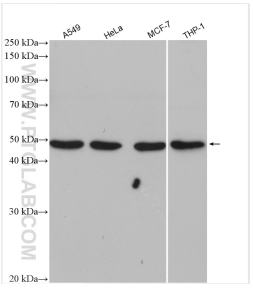
***** Les 20ul contiennent 0,1% de BSA.**

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

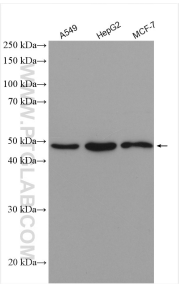
Données de validation sélectionnées



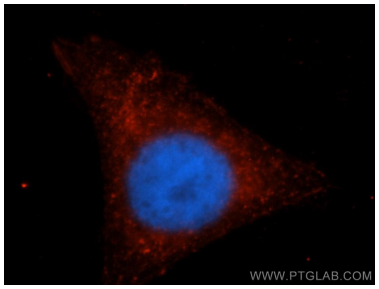
Immunohistochemical analysis of paraffin-embedded human cervical cancer tissue slide using 14167-1-AP (IRF9 antibody) at dilution of 1:100 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



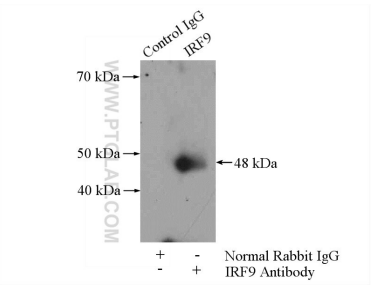
Various lysates were subjected to SDS PAGE followed by western blot with 14167-1-AP (IRF9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 14167-1-AP (IRF9 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of HepG2 cells, using IRF9 antibody 14167-1-AP at 1:50 dilution and Rhodamine-labeled goat anti-rabbit IgG (red). Blue pseudocolor = DAPI (fluorescent DNA dye).



IP Result of anti-IRF9 (IP:14167-1-AP, 4ug; Detection:14167-1-AP 1:500) with mouse heart tissue lysate 3200ug.