

À des fins de recherche uniquement

Anticorps Polyclonal de lapin anti-IFITM3



Numéro de catalogue: 11714-1-AP

Phare

118 Publications

Informations de base

Numéro de catalogue:

11714-1-AP

Taille:

150ul, Concentration: 400 µg/ml by Nanodrop;

Hôte:

Lapin

Isotype:

IgG

Immunogen Catalog Number:

AG2285

Numéro d'acquisition GenBank:

BC006794

Identification du gène (NCBI):

10410

Nom complet:

interferon induced transmembrane protein 3 (1-8U)

MW calculé

133 aa, 15 kDa

MW observés:

14 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 1:1000-1:8000 for WB

IF 1:400-1:1600

Applications

Applications testées:

FC, IF, IP, WB, ELISA

Demandes citées:

CoIP, FC, IF, IHC, IP, WB

Spécificité de l'espèce:

Humain

Espèces citées:

canin, Chèvre, Humain, porc, poulet, rat, souris, Singe vert d'Afrique

Contrôles positifs:

WB : cellules HeLa, cellules HepG2, cellules LNCaP, cellules THP-1

IP : cellules HepG2,

IF : cellules HeLa,

Informations générales

IFITM3, also named as interferon-inducible protein 1-8U, belongs to the CD225 family. It is IFN-induced antiviral protein that mediates cellular innate immunity to at least three major human pathogens, namely influenza A H1N1 virus, West Nile virus (WNV), and dengue virus, by inhibiting the early steps of replication. IFITM3 is identified as interferon-induced cellular proteins that restrict infections by retroviruses and flaviviruses and of influenza virus and flaviviruses, respectively. IFITM3, the most potent antiviral IFITM, was found to inhibit an uncharacterized early infectious event after VSV endocytosis, but before primary transcription of its viral genome. IFITM proteins are viral restriction factors that can inhibit infection mediated by the influenza A virus (IAV) hemagglutinin (HA) protein. They differentially restrict the entry of a broad range of enveloped viruses, and modulate cellular tropism independently of viral receptor expression. Catalog#11714-1-AP is a rabbit polyclonal antibody raised against the full-length of human IFITM3.

Publications notables

Autrice	Pubmed ID	Journal	Application
Angke Zhang	32999030	J Virol	WB,IF
Meng Yu	25265877	Med Microbiol Immunol	IHC
Shunhua Long	36178477	Viral Immunol	WB,IF

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.

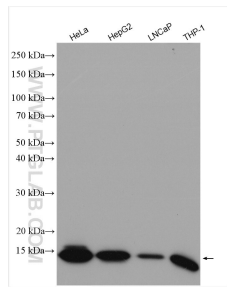
For technical support and original validation data for this product please contact:

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

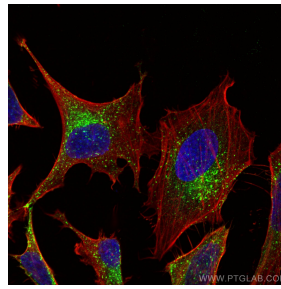
E: proteintech@ptglab.com
W: ptglab.com

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

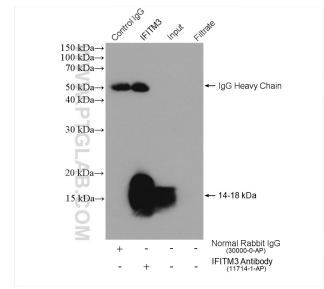
Données de validation sélectionnées



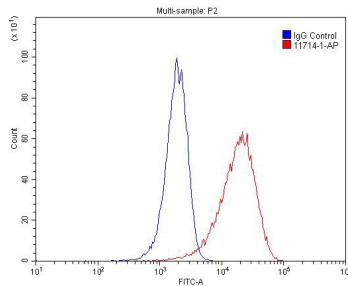
Various lysates were subjected to SDS PAGE followed by western blot with 11714-1-AP (IFITM3 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HeLa cells using IFITM3 antibody (11714-1-AP) at dilution of 1:800 and CoraLite@488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).



IP result of anti-IFITM3(IP:11714-1-AP, 4ug; Detection:11714-1-AP 1:4000) with HepG2 cells lysate 960 ug.



1X10⁶ HeLa cells were stained with 0.2ug IFITM3 antibody (11714-1-AP, red) and control antibody (blue). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1500. Cells were fixed with 4% PFA and permeabilized with 0.1% Triton X-100.