

## IFIT2 Polyclonal Antibody

Catalog number: 12604-1-AP

Size: 20 µg/150 µl

Source: Rabbit

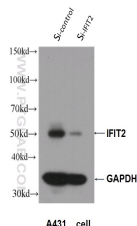
Isotype: IgG

Synonyms:

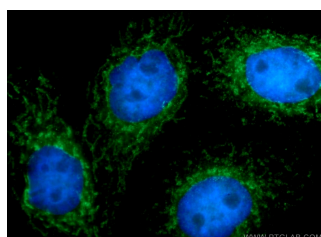
IFIT2; cig42, G10P2, GARG 39,

IFI 54, IFI 54K, IFI54, IFIT 2,

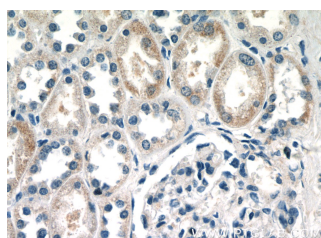
IFIT2, ISG 54 K, ISG 54K, ISG54



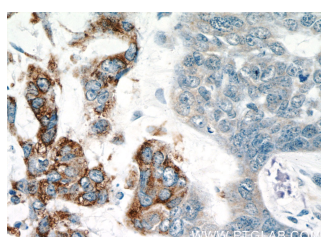
WB result of IFIT2 antibody (12604-1-AP, 1:300) with si-IFIT2 and si-Control transfected A431 cells.



Immunofluorescent analysis of HepG2 cells using 12604-1-AP (IFIT2 Antibody) at dilution of 1:25 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human kidney tissue slide using 12604-1-AP (IFIT2 Antibody) at dilution of 1:50 (under 40x lens)



Immunohistochemistry of paraffin-embedded human

### Background

IFIT2 belongs to the IFIT family. It contains 6 TPR repeats. IFIT genes comprise a large family with three (Ifit1, Ifit2, and Ifit3) and four (IFIT1, IFIT2, IFIT3, and IFIT5) members in mice and humans, respectively. IFIT proteins are produced in human body that are supposed to confer immunity against viral infection. These proteins are generally produced during viral infection, Interferon (IFN) treatment, and during pathogen recognition (Pathogen associated molecular pattern recognition) by immune system during infections.

### Applications

Tested applications:	ELISA, WB, IHC, IF, IP
Species specificity:	Human, Mouse; other species not tested.
Calculated IFIT2 MW:	484aa, 56 kDa
Observed IFIT2 MW:	50-55 kDa
Positive WB detected in	A431 cells, RAW 264.7 cells
Positive IP detected in	Mouse skin tissue
Positive IHC detected in	Human skin cancer tissue, human kidney tissue
Positive IF detected in	HepG2 cells
Recommended dilution:	WB: 1:200-1:1000 IP: 1:200-1:1000 IHC: 1:20-1:200 IF: 1:10-1:100

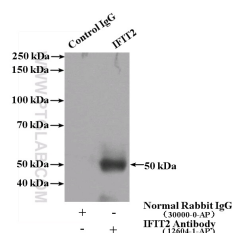
Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

### Immunogen information

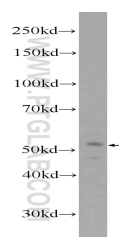
Immunogen:	Ag3283
GenBank accession number:	BC032839
Gene ID (NCBI):	3433
Full name:	Interferon-induced protein with tetratricopeptide repeats 2

### Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.



IP Result of anti-IFIT2 (IP:12604-1-AP, 4ug;



A431 cells were subjected to SDS PAGE followed by

skin cancer tissue slide using 12604-1-AP( IFIT2 Antibody) at dilution of 1:50 (under 40x lens)	Detection:12604-1-AP 1:300) with mouse skin tissue lysate 3200ug.	western blot with 12604-1- AP( IFIT2 Antibody) at dilution of 1:300
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