

For Research Use Only

# IFIT5 Polyclonal antibody

Catalog Number: 13378-1-AP

Featured Product

11 Publications



## Basic Information

<b>Catalog Number:</b> 13378-1-AP	<b>GenBank Accession Number:</b> BC025786	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 567 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 24138	<b>Recommended Dilutions:</b> WB 1:500-1:1000 IP 0.5-4.0 ug for IP and 1:200-1:1000 for WB
<b>Source:</b> Rabbit	<b>Full Name:</b> interferon-induced protein with tetratricopeptide repeats 5	<b>IHC 1:20-1:200</b>
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 482 aa, 58 kDa	
<b>Immunogen Catalog Number:</b> AG4202	<b>Observed MW:</b> 56-58 kDa, 48 kDa	

## Applications

<b>Tested Applications:</b> IHC, IP, WB, ELISA	<b>Positive Controls:</b> WB : A375 cells, PC-3 cells IP : A375 cells, IHC : human skin cancer tissue,
<b>Cited Applications:</b> IF, IHC, WB	
<b>Species Specificity:</b> human	
<b>Cited Species:</b> Human, pig, canine	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

IFIT5, also named as Interferon-induced 58 kDa protein or RI58, is a 482 amino acid protein, which contains eight TPR repeats and belongs to the IFIT family. IFIT5 localizes in the Cell projection. Interferon-induced RNA-binding protein that specifically binds single-stranded RNA bearing a 5'-triphosphate group (PPP-RNA), thereby acting as a sensor of viral single-stranded RNAs.

## Notable Publications

Author	Pubmed ID	Journal	Application
Caishang Zheng	26334375	Cell Signal	WB
Chen Zhu	31428519	Oncoimmunology	IHC
Jun Huang	31164632	Cell Death Dis	WB,IHC

## Storage

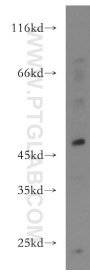
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

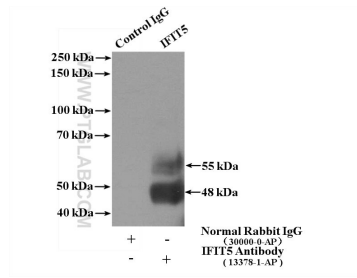
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

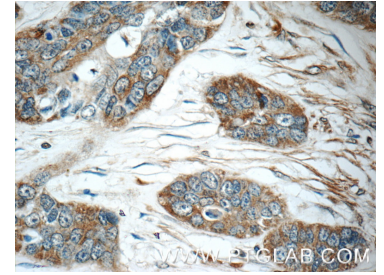
## Selected Validation Data



A375 cells were subjected to SDS PAGE followed by western blot with 13378-1-AP (IFIT5 antibody) at dilution of 1:200 incubated at room temperature for 1.5 hours.



IP Result of anti-IFIT5 (IP:13378-1-AP, 4ug; Detection:13378-1-AP 1:300) with A375 cells lysate 2200ug.



Immunohistochemical analysis of paraffin-embedded human skin cancer tissue slide using 13378-1-AP (IFIT5 Antibody) at dilution of 1:50 (under 40x lens).