

# IFIT5 Polyclonal antibody

Catalog Number: 13378-1-AP

Featured Product

11 Publications

## Basic Information

## Catalog Number:

13378-1-AP

## Size:

567 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG4202

## GenBank Accession Number:

BC025786

## GeneID (NCBI):

24138

## UNIPROT ID:

Q13325

## Full Name:

interferon-induced protein with  
tetra-tryptophan repeats 5

## Calculated MW:

482 aa, 58 kDa

## Observed MW:

56-58 kDa, 48 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 µg for 1.0-3.0 mg of total  
protein lysate

IHC 1:20-1:200

## Applications

## Tested Applications:

IHC, IP, WB, ELISA

## Cited Applications:

WB, IF, IHC

## Species Specificity:

human

## Cited Species:

Human, pig, canine

**Note-IHC: suggested antigen retrieval with  
TE buffer pH 9.0; (\*) Alternatively, antigen  
retrieval may be performed with citrate  
buffer pH 6.0**

## Positive Controls:

WB: A375 cells, PC-3 cells

IP: A375 cells,

IHC: human skin cancer tissue,

## 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

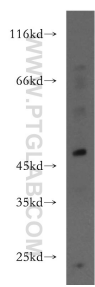
For technical support and original validation data for this product please contact:

T: 4006900926

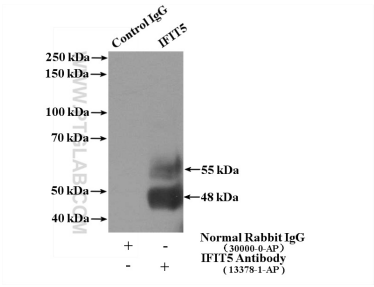
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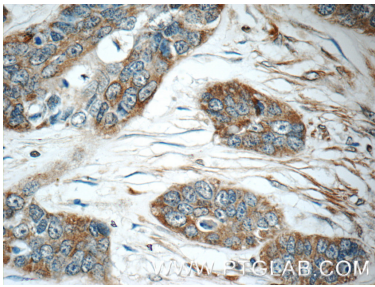
Selected Validation Data



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).