

For Research Use Only

IFIT5 Polyclonal antibody

Catalog Number: 13378-1-AP

Featured Product

11 Publications



Basic Information

Catalog Number:

13378-1-AP

Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 567 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4202

GenBank Accession Number:

BC025786

GeneID (NCBI):

24138

UNIPROT ID:

Q13325

Full Name:

interferon-induced protein with tetratricopeptide 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 ug for 1.0-3.0 mg of total protein lysate

IHC 1:20-1:200

Applications

Tested Applications:

WB, IP, IHC, 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

*** 20ul sizes contain 0.1% BSA

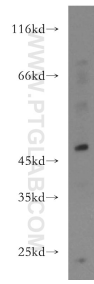
For technical support and original validation data for this product please contact:

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

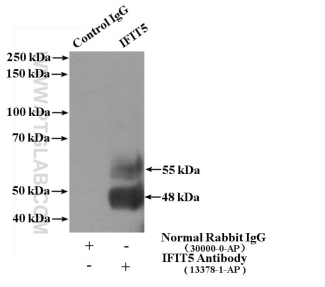
E: proteintech@ptglab.com
W: ptglab.com

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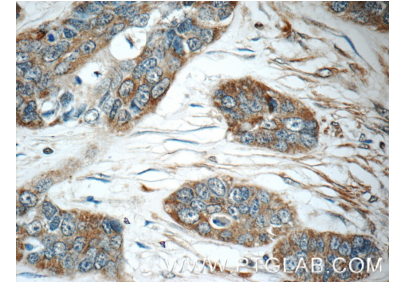
Selected Validation Data



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, 4 μ g; Detection:13378-1-AP 1:300) with A375 cells lysate 2200 μ g.



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