

For Research Use Only

IFIT3 Polyclonal antibody

Catalog Number: 15201-1-AP

Featured Product

45 Publications



Basic Information

Catalog Number:

15201-1-AP

Concentration:

600 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG7349

GenBank Accession Number:

BC004977

GeneID (NCBI):

3437

UNIPROT ID:

O14879

Full Name:

IFIT3

Calculated MW:

56 kDa

Observed MW:

60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:2000-1:12000

IHC: 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC, IF, CoIP, ChIP

Species Specificity:

human

Cited Species:

human, mouse, pig, monkey

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 : MKN-45 cells, SGC-7901 cells

IHC : human spleen tissue,

Background Information

IFIT3 (IFN-induced protein with tetratricopeptide repeats 3), also known as IFIT-4, ISG-60 or RIG-G, is a 56 kDa IFN induced protein. IFIT3 has been identified to be associated with strong IFN antiviral activity. Upon RNA virus infection, IFIT3 is significantly induced, ectopic expression or knockdown of IFIT3 could, respectively, enhance or impair IFN regulatory factor 3 (IRF3)-mediated gene expression. IFIT3 thus may serve as an important modulator in innate immunity, revealing a new function of the IFIT family proteins.

Notable Publications

Author	Pubmed ID	Journal	Application
Zhangtao Jiang	27681138	J Virol	WB
Jiaming Su	36163413	J Med Virol	WB
Liu Xin-Yi XY	21813773	J Immunol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

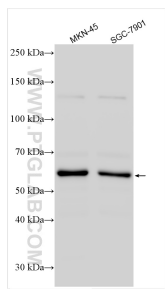
T: 4006900926

E: Proteintech-CN@ptglab.com

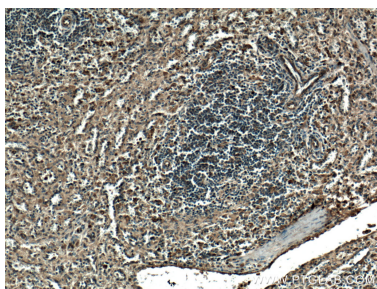
W: ptgcn.com

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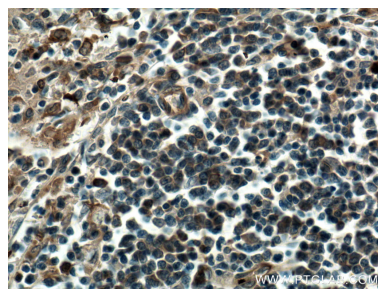
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 15201-1-AP (IFIT3 antibody) at dilution of 1:6000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 15201-1-AP (IFIT3 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human spleen tissue slide using 15201-1-AP (IFIT3 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).