

For Research Use Only

IFIT3 Polyclonal antibody

Catalog Number: 15201-1-AP

Featured Product

25 Publications



Basic Information

Catalog Number: 15201-1-AP	GenBank Accession Number: BC004977	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 3437	Recommended Dilutions: WB 1:2000-1:12000 IHC 1:50-1:500
Source: Rabbit	Full Name: IFIT3	
Isotype: IgG	Calculated MW: 56 kDa	
Immunogen Catalog Number: AG7349	Observed MW: 60 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : MKN-45 cells, SGC-7901 cells IHC : human spleen tissue,
Cited Applications: IF, IHC, WB	
Species Specificity: human	
Cited Species: human, mouse, Monkey, pig	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

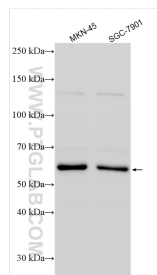
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

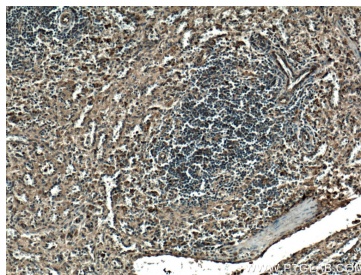
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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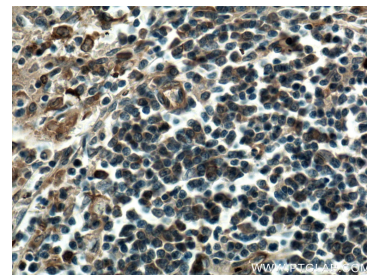
Selected Validation Data



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).