

For Research Use Only

IFIT1 Polyclonal antibody

Catalog Number: 29897-1-AP



Basic Information

Catalog Number: 29897-1-AP	GenBank Accession Number: BC007091	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 350 ug/ml by Nanodrop;	GeneID (NCBI): 3434	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000
Source: Rabbit	UNIPROT ID: P09914	
Isotype: IgG	Full Name: interferon-induced protein with tetratricopeptide repeats 1	
Immunogen Catalog Number: AG31980	Calculated MW: 478 aa, 55 kDa	
	Observed MW: 55 KDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls: WB : IFN alpha treated HeLa cells, IHC : human ovary cancer tissue,
Species Specificity: human	
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

IFIT1, also known as glucocorticoid-attenuated response gene 16 protein (GARG-16), is a 463 amino acid protein belonging to the IFIT family. IFIT genes comprise a large family with three (IFIT1, IFIT2, and IFIT3) and four (IFIT1, IFIT2, IFIT3, and IFIT5) members in mice and humans, respectively. IFIT1 specifically bound virus PPP-RNA forms a complex with IFIT2 and IFIT3 to sequester the viral PPP-RNA and prevent virus replication.

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

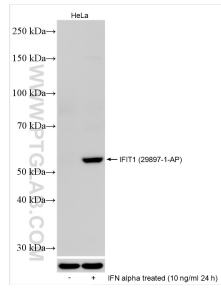
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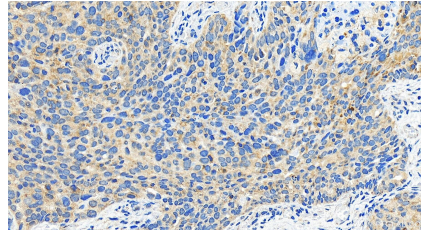
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Selected Validation Data



untreated and IFN alpha treated HeLa cells were subjected to SDS PAGE followed by western blot with 29897-1-AP (IFIT1 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 29897-1-AP (IFIT1 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).