

For Research Use Only

IFIT1 Polyclonal antibody, PBS Only

Catalog Number: 29897-1-PBS



Basic Information

Catalog Number:

29897-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31980

GenBank Accession Number:

BC007091

GeneID (NCBI):

3434

UNIPROT ID:

P09914

Full Name:

interferon-induced protein with tetratricopeptide repeats 1

Calculated MW:

478 aa, 55 kDa

Observed MW:

55 KDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

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 -80°C.

Storage Buffer:

PBS Only

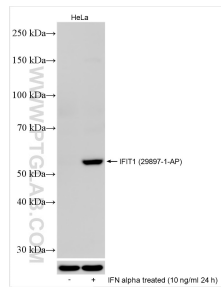
For technical support and original validation data for this product please contact:

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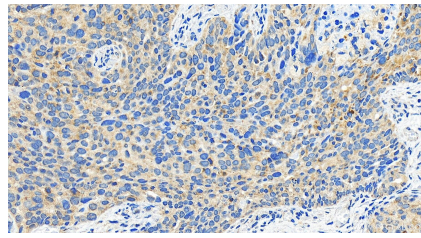
E: proteintech@ptglab.com
W: ptglab.com

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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. This data was developed using the same antibody clone with 29897-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 29897-1-PBS in a different storage buffer formulation.