

For Research Use Only

IFIT1 Polyclonal antibody, PBS Only

Catalog Number: 29897-1-PBS



Basic Information

Catalog Number:

29897-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG31980

GenBank Accession Number:

BC007091

GeneID (NCBI):

3434

UNIPROT ID:

P09914

Full Name:

interferon-induced protein with
tetra-tricopeptide 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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

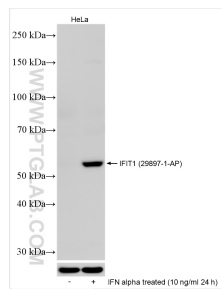
T: 4006900926

E: Proteintech-CN@ptglab.com

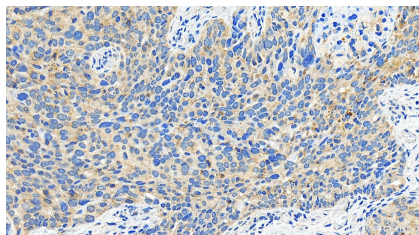
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.