

IFN-α1 Polyclonal Antibody

Catalog No: YT5170

Reactivity: Human

Applications: WB;ELISA

Target: IFN-α1

Fields: >>Cytokine-cytokine receptor interaction;>>PI3K-Akt signaling

pathway;>>Necroptosis;>>Toll-like receptor signaling pathway;>>NOD-like receptor signaling pathway;>>RIG-I-like receptor signaling pathway;>>Cytosolic DNA-sensing pathway;>>JAK-STAT signaling pathway;>>Natural killer cell mediated cytotoxicity;>>Alcoholic liver disease;>>Tuberculosis;>>Hepatitis C;>>Hepatitis B;>>Measles;>>Human cytomegalovirus infection;>>Influenza A;>>Human papillomavirus infection;>>Kaposi sarcoma-associated herpesvirus

infection;>>Herpes simplex virus 1 infection;>>Epstein-Barr virus

infection;>>Human immunodeficiency virus 1 infection;>>Coronavirus disease - COVID-19;>>Pathways in cancer;>>Autoimmune thyroid disease;>>Lipid and

atherosclerosis

P01562

Gene Name: IFNA1/IFNA13

Protein Name: Interferon alpha-1/13

Human Gene Id: 3439

Human Swiss Prot

No:

Mouse Swiss Prot P01572

No:

Immunogen: The antiserum was produced against synthesized peptide derived from the C-

terminal region of human IFNA1/13. AA range:140-189

Specificity: IFN-a1 Polyclonal Antibody detects endogenous levels of IFN-a1 protein.

Formulation: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Source: Polyclonal, Rabbit, IgG

1/2



Dilution: WB 1:500 - 1:2000. ELISA: 1:20000. Not yet tested in other applications.

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-

chromatography using epitope-specific immunogen.

Concentration: 1 mg/ml

Storage Stability: -15°C to -25°C/1 year(Do not lower than -25°C)

Observed Band: 22kD

Cell Pathway: Cytokine-cytokine receptor interaction;Regulation of autophagy;Antigen

processing and presentation; Toll Like; RIG-I-like receptor; Cytosolic DNA-sensing

pathway;Jak_STAT;Natural killer cell mediated cyt

Background: The protein encoded by this gene is produced by macrophages and has antiviral

activity. This gene is intronless and the encoded protein is secreted. [provided by

RefSeq, Sep 2011],

Function: function:Produced by macrophages, IFN-alpha have antiviral activities.

Interferon stimulates the production of two enzymes: a protein kinase and an oligoadenylate synthetase.,miscellaneous:Interferons alpha-1 and alpha-13 have identical protein sequences.,polymorphism:Two forms exist; alpha-1a (shown

here) and alpha-1b., similarity: Belongs to the alpha/beta interferon family.,

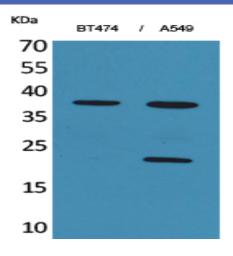
Subcellular Location:

Secreted.

Expression:

Cerebellum, Leukocyte,

Products Images



Western Blot analysis of BT474, A549 cells using IFN- α 1 Polyclonal Antibody. Secondary antibody(catalog#:RS0002) was diluted at 1:20000