

For Research Use Only

IFN Alpha Polyclonal antibody

Catalog Number: 18013-1-AP **11 Publications**



Basic Information

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|---|--|--|
| Catalog Number: 18013-1-AP | GenBank Accession Number: BC074928 | Purification Method: Antigen affinity purification |
| Size: 600 µg/ml | GeneID (NCBI): 3439 | Recommended Dilutions: WB 1:1000-1:6000 |
| Source: Rabbit | UNIPROT ID: P01562 | |
| Isotype: IgG | Full Name: IFNA1 | |
| Immunogen Catalog Number: AG12533 | Calculated MW: 189 aa, 22 kDa | |

Applications

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|---|--|
| Tested Applications: WB, ELISA | Positive Controls: WB : Recombinant protein, |
| Cited Applications: IF, IHC, WB | |
| Species Specificity: human | |
| Cited Species: human, mouse | |

Background Information

IFNA1 (IFN-alpha) is a member of the Type I IFN (1) family best known for their antiviral activity. It is a key cytokine regulating the activity of B cells, T-helper cells (Th cells), cDCs and natural killer cells (NK cells). IFN-alpha induces B cell maturation into plasma cells and immunoglobulin production. IFN-alpha plays an important role in the pathogenesis of systemic lupus erythematosus (SLE). IFN-alpha was the first cytokine to show clinical benefit in the treatment of certain types of cancer, including melanoma, chronic myelogenous leukemia, and renal cancer.

Notable Publications

| Author | Pubmed ID | Journal | Application |
|------------------------------|-----------|---------------------|-------------|
| Yuwei Deng | 34645670 | J Immunother Cancer | IHC |
| Abdolrazagh Hashemi Shahraki | 35717488 | Lung | WB |
| Zhi Cao | 30693666 | Cancer Med | IHC |

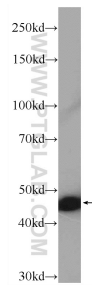
Storage

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

For technical support and original validation data for this product please contact:
T: 4006900926 E: Proteintech-CN@ptglab.com W: ptgcn.com

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Selected Validation Data



Recombinant protein were subjected to SDS PAGE followed by western blot with 18013-1-AP (Interferon alpha antibody at dilution of 1:3000 incubated at room temperature for 1.5 hours.