

# IFN Alpha Polyclonal antibody

Catalog Number: 18013-1-AP

11 Publications

## Basic Information

## Catalog Number:

18013-1-AP

## Size:

600 µg/ml

## Source:

Rabbit

## Isotype:

IgG

## Immunogen Catalog Number:

AG12533

## GenBank Accession Number:

BC074928

## GeneID (NCBI):

3439

## UNIPROT ID:

P01562

## Full Name:

IFNA1

## Calculated MW:

189 aa, 22 kDa

## Purification Method:

Antigen affinity purification

## Recommended Dilutions:

WB 1:1000-1:6000

## Applications

## Tested Applications:

WB, ELISA

## Cited Applications:

WB, IF, IHC

## Species Specificity:

human

## Cited Species:

human, mouse

## Positive Controls:

WB : Recombinant protein,

## 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

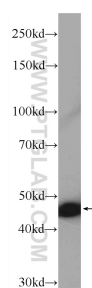
For technical support and original validation data for this product please contact:

T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

## 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.