

For Research Use Only

# Interferon alpha Polyclonal ANTIBODY



Catalog Number: 18013-1-AP

2 Publications

## Basic Information

Catalog Number:  
18013-1-AP

Size:  
51 µg/150 µl

Source:  
Rabbit

Isotype:  
IgG

Purification Method:  
Antigen affinity purification  
Immunogen Catalog Number:  
AG12533

GenBank Accession Number:  
BC074928

GeneID (NCBI):  
3439

Full Name:  
interferon, alpha 1

Calculated MW:  
189aa, 22 kDa

Observed MW:

Recommended Dilutions:  
WB 1:1000-1:6000

## Applications

Tested Applications:  
ELISA, WB

Species Specificity:  
human

Positive Controls:

WB : Recombinant protein;

## Background Information

IFNA1 (interferon-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). Interferon-alpha induces B cell maturation into plasma cells and immunoglobulin production. Interferon-alpha plays an important role in the pathogenesis of systemic lupus erythematosus (SLE). Interferon-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
Songbo Tian	28091876	Clin Oral Investig	IHC,IF
Antonio Di Sabatino	27130911	Dig Liver Dis	WB

## Storage

Storage:  
Store at -20°C. Stable for one year after shipment.  
Storage Buffer:  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

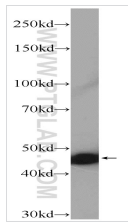
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## Selected Validation Data



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