

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:
WB, ELISA

Cited Applications:
IF, IHC, WB

Species Specificity:
human

Cited Species:
human

Note: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

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

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

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: proteintech@ptglab.com
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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