

For Research Use Only

IFN Alpha Polyclonal antibody

Catalog Number: 18013-1-AP

11 Publications



Basic Information

Catalog Number: 18013-1-AP	GenBank Accession Number: BC074928	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 µg/ml by Nanodrop;	GeneID (NCBI): 3439	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	Full Name: IFNA1	
Isotype: IgG	Calculated MW: 189 aa, 22 kDa	
Immunogen Catalog Number: AG12533		

Applications

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

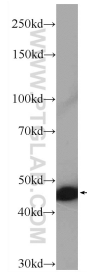
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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)
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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.