

# IFNAR1 Polyclonal antibody

Catalog Number: 13083-1-AP

Featured Product

7 Publications

## Basic Information

**Catalog Number:**

13083-1-AP

**Size:**

650 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG3739

**GenBank Accession Number:**

BC021825

**GeneID (NCBI):**

3454

**UNIPROT ID:**

P17181

**Full Name:**interferon (alpha, beta and omega)  
receptor 1**Calculated MW:**

557 aa, 64 kDa

**Observed MW:**

64 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

## Applications

**Tested Applications:**

FC, WB, ELISA

**Cited Applications:**

IF, WB

**Species Specificity:**

human, mouse

**Cited Species:**

human

**Positive Controls:**

WB : Jurkat cells, K-562 cell, mouse liver tissue

## Background Information

Interferon alpha and beta receptor subunit 1 (IFNAR1) is a type I membrane protein that associates with IFNAR2 to form the receptor for type I interferons, including interferons-alpha, -beta, and -lambda. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2, and then increase transcription of the IFN-induced genes whose products exert antiviral, immunomodulatory, and antiproliferative effects.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yong Ge	34467630	EMBO Rep	WB
Yanan Liu	35503721	Elife	WB
Sheng Li	27356910	Food Nutr Res	WB

## 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

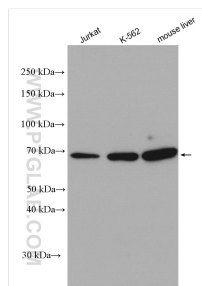
For technical support and original validation data for this product please contact:

T: 4006900926

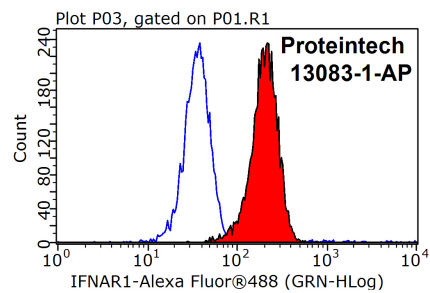
E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 13083-1-AP (IFNAR1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



$1 \times 10^6$  K-562 cells were stained with 0.2  $\mu$ g IFNAR1 antibody (13083-1-AP, red) and control antibody (blue). Fixed with 90% MeOH blocked with 3% BSA (30 min). Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) with dilution 1:1000.