

For Research Use Only

IFNAR1 Polyclonal antibody

Catalog Number: 13083-1-AP

Featured Product

8 Publications



Basic Information

Catalog Number:

13083-1-AP

Size:

150ul , Concentration: 650 µg/ml by Nanodrop;

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:

WB, FC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse

Cited Species:

human, pig

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

*** 20ul sizes contain 0.1% BSA

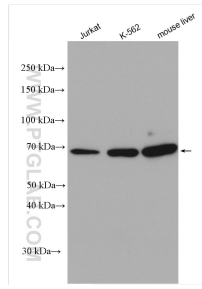
For technical support and original validation data for this product please contact:

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

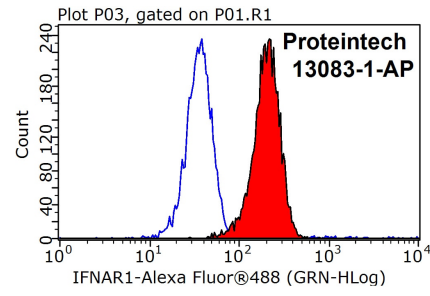
E: proteintech@ptglab.com
W: ptglab.com

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.



1X10⁶ K-562 cells were stained with 0.2ug 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.