

Product Name: Interferon alpha/beta Receptor 1 Rabbit Polyclonal Antibody**Catalog #: APRab00041**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,FC,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Application

Dilution Ratio	WB 1:500-1:1000,FC 1:50-1:100,IP 1:20-1:50
Molecular Weight	Calculated MW: 64 kDa; Observed MW: 90,130 kDa

Antigen Information

Gene Name	IFNAR1 IFNAR1; IFNAR; Interferon alpha/beta receptor 1; IFN-R-1; IFN-alpha/beta receptor 1;
Alternative Names	Cytokine receptor class-II member 1; Cytokine receptor family 2 member 1; CRF2-1; Type I interferon receptor 1
Gene ID	3454
SwissProt ID	P17181
Immunogen	A synthetic peptide of human Interferon alpha/beta receptor 1

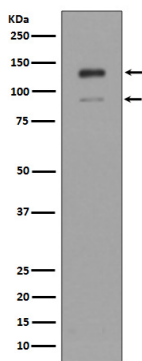
Background

Component of the receptor for type I interferons, including interferons alpha, IFNB1 and IFNW1. Functions in general as heterodimer with IFNAR2. Type I interferon binding activates the JAK-STAT signaling cascade, and triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and the IFNR alpha- and beta-subunits themselves. Can form an active IFNB1 receptor by itself and activate a signaling cascade that does not involve activation of the JAK-STAT pathway.

Research Area

Immunology

Image Data



Western blot analysis of IFNAR1 in K562 lysates using Interferon alpha/beta Receptor 1 antibody.