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

Summary

Production Name	Interferon alpha/beta Receptor 1 Rabbit Polyclonal Antibody
Description	Rabbit Polyclonal Antibody
Host	Rabbit
Application	WB,FC,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Purification	Affinity Chromatography

Immunogen

Gene Name	IFNAR1
Alternative Names	IFNAR1; IFNAR; Interferon alpha/beta receptor 1; IFN-R-1; IFN-alpha/beta receptor 1; 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.

Application

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

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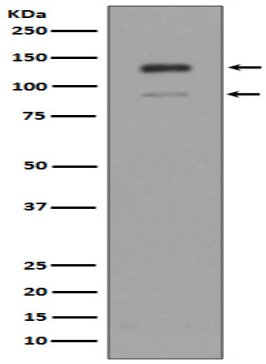
Background

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.

Note

For research use only.