
Product Name: IFN- α / β R α Rabbit Polyclonal Antibody**Catalog #: APRab12399**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
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	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio IHC 1:100-1:300,ICC/IF 1:200-1:1000,ELISA 1:10000-1:20000

Molecular Weight

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	3454.0
SwissProt ID	P17181
Immunogen	The antiserum was produced against synthesized peptide derived from human Interferon-alpha/beta Receptor alpha chain. AA range:436-485

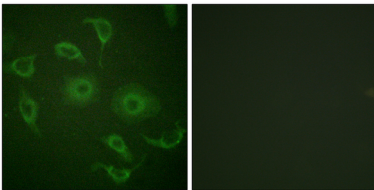
Background

The protein encoded by this gene is a type I membrane protein that forms one of the two chains of a receptor for interferons alpha and beta. Binding and activation of the receptor stimulates Janus protein kinases, which in turn phosphorylate several proteins, including STAT1 and STAT2. The encoded protein also functions as an antiviral factor. [provided by RefSeq, Jul 2008],function:Receptor for interferons alpha and beta. Binding to type I IFNs triggers tyrosine phosphorylation of a number of proteins including JAKs, TYK2, STAT proteins and IFNR alpha- and beta-subunits themselves.,PTM:Phosphorylated on tyrosine residues by TYK2 tyrosine kinase.,sequence caution:Contaminating sequence. Potential poly-A sequence.,similarity:Belongs to the type II cytokine receptor family.,similarity:Contains 3 fibronectin type-III domains.,tissue specificity:IFN receptors are present in all tissues and even on the surface of most IFN-resistant cells. Isoform 1, isoform 2 and isoform 3 are expressed in the IFN-alpha sensitive myeloma cell line U266S. Isoform 2 and isoform 3 are expressed in the IFN-alpha resistant myeloma cell line U266R, isoform 1 is not expressed in U266R,

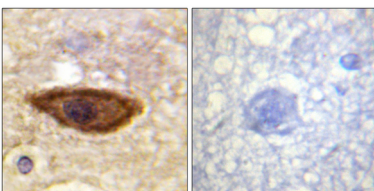
Research Area

Cytokine-cytokine receptor interaction;Toll_Like;Jak_STAT;Natural killer cell mediated cytotoxicity;

Image Data



Immunofluorescence analysis of HepG2 cells, using Interferon-alpha/beta Receptor alpha chain Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human brain tissue, using Interferon-alpha/beta Receptor alpha chain Antibody. The picture on the right is blocked with the synthesized peptide.