IFN-α/βRα Rabbit pAb

CatalogNo: YT2278

Key Features

Host Species
- Rabbit

Reactivity
- Human,Mouse

Applications
- IHC,IF,ELISA

MW
- 64kD (Calculated)

Isotype
- IgG

Storage

Storage*	-15°C to -25°C/1 year(Do not lower than -25°C)
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Recommended Dilution Ratios

IHC 1:100-1:300
IF 1:200-1:1000
ELISA 1:20000
Not yet tested in other applications.

Basic Information

Clonality	Polyclonal

Immunogen Information

Immunogen	The antiserum was produced against synthesized peptide derived from human Interferon-alpha/beta Receptor alpha chain. AA range:436-485
Specificity	IFN-α/βRα Polyclonal Antibody detects endogenous levels of IFN-α/βRα protein.

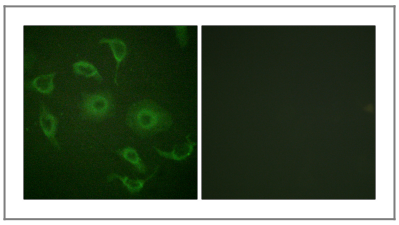
Target Information

Gene name	IFNAR1
Protein Name	Interferon alpha/beta receptor 1

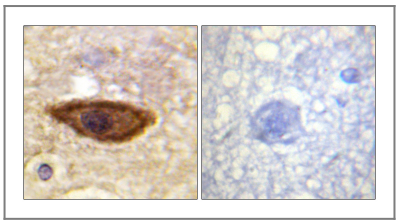
Organism	Gene ID	UniProt ID
Human	3454;	P17181;
Mouse		P33896;

Cellular Localization	[Isoform 1]: Cell membrane ; Single-pass type I membrane protein . Late endosome . Lysosome . Interferon binding triggers internalization of the receptor from the cell membrane into endosomes and then into lysosomes. .
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 U266B1. Isoform 2 and isoform 3 are expressed in the IFN-alpha resistant myeloma cell line U266R. Isoform 1 is not expressed in IFN-alpha resistant myeloma cell line U266R.
Function	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.,

Validation 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.

Contact information

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Please scan the QR code to access additional product information:
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