

## IFN-R1 polyclonal antibody

Catalog: BS7140

Host: Rabbit

Reactivity: Human, Mouse, Rat

### Background:

The type I interferons, IFN- $\alpha$  and IFN- $\beta$ , are a group of structurally and functionally related proteins that are induced by either viruses or double-stranded RNA and are defined by their ability to confer an antiviral state in cells. IFN- $\alpha$  and IFN- $\beta$  appear to compete with one another for binding to a common cell surface receptor, while immune IFN (IFN- $\gamma$ ) binds to a distinct receptor. This distinct receptor, IFN- $\alpha$ R, is only weakly responsive to type I interferons, in contrast to IFN- $\alpha/\beta$ R, which binds to and responds effectively to IFN- $\beta$  and to several of the IFN- $\alpha$  subtypes. IFN- $\alpha/\beta$ R is expressed as two alternatively spliced transcripts, designated IFN- $\alpha/\beta$ R $\alpha$  (IFN- $\alpha/\beta$ R1) and IFN- $\alpha/\beta$ R $\beta$  (IFN- $\alpha/\beta$ R2), both of which are involved in signal transduction and ligand binding.

### Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

### Molecular Weight:

~ 64 kDa

### Swiss-Prot:

P17181

### Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB: 1:500~1:2000

IHC: 1:50~1:200

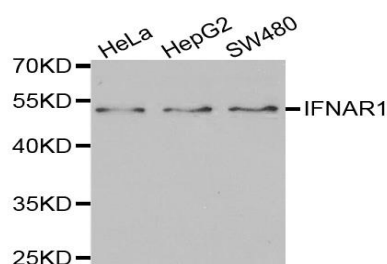
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

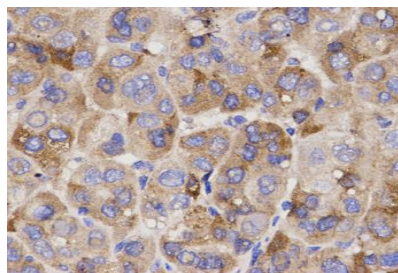
### Specificity:

IFN-R1 polyclonal antibody detects endogenous levels of IFN-R1 protein.

### DATA:



Western blot analysis of IFN-R1 polyclonal antibody



Immunohistochemistry (IHC) analysis of IFN-R1 polyclonal antibody in paraffin-embedded Human Liver Cancer tissue.

### Note:

For research use only, not for use in diagnostic procedure.

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