

## IFNB1 polyclonal antibody

Catalog: BS60295

Host: Rabbit

Reactivity: Human, Mouse, Rat

### BackGround:

The genes encoding type I interferons (IFNs), which include 14 IFN- $\alpha$  genes, one IFN- $\beta$  gene, one IFN- $\omega$  (also known as IFN- $\alpha$  II1) gene, and a number of IFN- $\omega$  pseudogenes, are clustered on human chromosome 9. Interferons- $\alpha$  and - $\beta$  are cytokines that are widely known to induce potent antiviral activity. IFN- $\alpha$  and - $\beta$  exert a variety of other biological effects, including antitumor and immunomodulatory activities and are increasingly used clinically to treat a range of malignancies, myelodysplasias and autoimmune diseases. IFN- $\omega$  is antigenically different from human IFN- $\alpha$ , IFN- $\beta$  or IFN- $\gamma$ , but is a component of natural mixtures of IFN species produced by virus-induced leukocytes or Burkitt's lymphoma cells. The type I interferon receptor (IFN- $\alpha$ R) interacts with IFN- $\alpha$ , IFN- $\beta$  and IFN- $\omega$ , and seems to be a multisubunit receptor.

### Product:

1mg/ml in PBS with 0.1% Sodium Azide, 50% Glycerol.

### Molecular Weight:

~ 26 kDa

### Swiss-Prot:

P01574

### 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: 1:500~1:1000

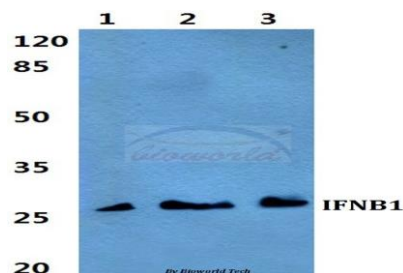
### Storage&Stability:

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

### Specificity:

IFNB1 polyclonal antibody detects endogenous levels of IFNB1 protein.

### DATA:



Western blot (WB) analysis of IFNB1 polyclonal antibody at 1:500 dilution

Lane1:MCF-7 cell lysate

Lane2:Mouse liver tissue lysate

Lane3:Rat liver tissue lysate

### Note:

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

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