

IFN beta polyclonal antibody

Catalog: BS62219

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

The genes encoding type I interferons (IFNs), which include 14 IFN- α genes, one IFN- β gene, one IFN-w (also known as IFN- α II1) gene, and a number of IFN-w pseudogenes, are clustered on human chromosome 9. Interferons- α and - β are cytokines that are widely known to induce potent antiviral activity. IFN- α and - β 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-w is antigenically different from human IFN- α , IFN- β or IFN- γ , 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- α R) interacts with IFN- α , IFN- β and IFN-w, and seems to be a multisubunit receptor.

Product:

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

Molecular Weight:

~ 22 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 IHC:1:50~1:200

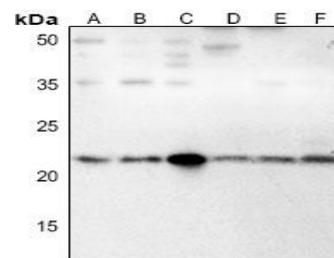
Storage&Stability:

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

Specificity:

IFN beta polyclonal antibody detects endogenous levels of IFN beta protein.

DATA:



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

LaneA:HeLa whole cell lysate

LaneB:H1688 whole cell lysate

LaneC:H446 whole cell lysate

LaneD:The Lung tissue lysate of Mouse

LaneE:The Kidney, tissue lysate of Mouse

LaneF:The Spleen tissue lysate of Rat

Note:

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

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