

**IFIT5 polyclonal antibody**

Catalog: BS30963

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Interferon-induced protein with tetratricopeptide repeats 5: Interferon-induced RNA-binding protein involved in the human innate immune response. Has a broad and adaptable RNA structure recognition important for RNA recognition specificity in antiviral defense. Binds precursor and processed tRNAs as well as poly-U-tailed tRNA fragments. Specifically binds single-stranded RNA bearing a 5'-triphosphate group (PPP-RNA), thereby acting as a sensor of viral single-stranded RNAs. Single-stranded PPP-RNAs, which lack 2'-O-methylation of the 5' cap and bear a 5'-triphosphate group instead, are specific from viruses, providing a molecular signature to distinguish between self and non-self mRNAs by the host during viral infection. Directly binds PPP-RNA in a non-sequence-specific manner. Also recognizes and selectively binds AT-rich dsDNA. Additionally, as a mediator in innate immunity, positively regulates IKK-NFkB signaling by synergizing the recruitment...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~55.8 kDa

Swiss-Prot:

Q13325

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

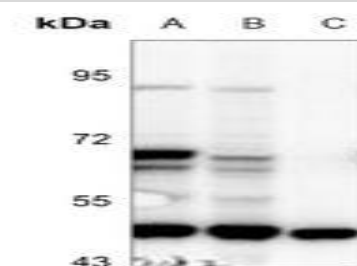
WB (1/500 - 1/1000)

Storage&Stability:

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

Specificity:

Recognizes endogenous levels of IFIT5 protein.

DATA:

Western blot analysis of Neuropilin 2 expression in 293T (A), NIH3T3 (B), PC12 (C) whole cell lysates.

Note:

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

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