

Anti-Human IFITM2 Polyclonal Antibody

Polyclonal Antibody

Cat.NO.: PA02670

3th Edition

Description:IFITM2 (Interferon Induced Transmembrane Protein 2) is a Protein Coding gene. Diseases associated with IFITM2 include West Nile Virus and Influenza. Among its related pathways are Interferon gamma signaling and Innate Immune System. An important paralog of this gene is IFITM3. IFN-induced antiviral protein which inhibits the entry of viruses to the host cell cytoplasm, permitting endocytosis, but preventing subsequent viral fusion and release of viral contents into the cytosol. Active against multiple viruses, including influenza A virus, SARS coronavirus (SARS-CoV), Marburg virus (MARV), Ebola virus (EBOV), Dengue virus (DNV), West Nile virus (WNV), human immunodeficiency virus type 1 (HIV-1) and vesicular stomatitis virus (VSV). Can inhibit: influenza virus hemagglutinin protein-mediated viral entry, MARV and EBOV GP1,2-mediated viral entry, SARS-CoV S protein-mediated viral entry and VSV G protein-mediated viral entry. Induces cell cycle arrest and mediates apoptosis by caspase activation and in p53-independent manner.

Antigen:Synthesized peptide derived from the Internal region of human IFITM2.

Form:

How to use:1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution:PBS (pH7.4) containing 1% BSA

Application:This antibody can be used for western blotting in concentration of 1?5?g/ml.

Specificity: