

IFITM2 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP04354
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from the Internal region of human IFITM2. AA range:1-50
Mol wt	14632
Species reactivity	Human
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	IFITM2 Antibody
Synonyms	IFITM2; Interferon-induced transmembrane protein 2; Dispanin subfamily A member 2c; DSPA2c; Interferon-inducible protein 1-8D

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

IFITM2 (Interferon Induced Transmembrane Protein 2) is a Protein Coding gene. Diseases associated with IFITM2 include west nile virus and stomatitis. Among its related pathways are Immune System and Interferon gamma signaling. An important paralog of this gene is IFITM1. 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 (DENV), 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.

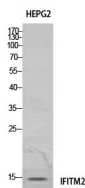
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 20000

Not yet tested in other applications.

Images



Western Blot analysis of HeLa cells using IFITM2 Polyclonal Antibody. Antibody was diluted at 1:1000.
Secondary antibody was diluted at 1:20000

Storage

-20°C for one year

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