

Rabbit anti-Human IFITM3 Polyclonal Antibody | anti-IFITM3 antibody

IFITM3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA295048	Rabbit	Human	Immunofluorescence, Western Blot

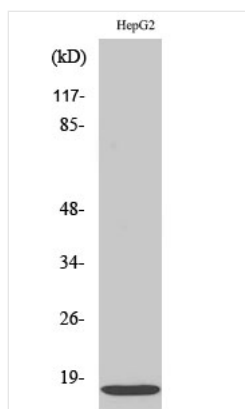
PRODUCT SYNONYMS

IFITM3; Polyclonal Antibody; IFITM3 Polyclonal Antibody; Interferon-induced transmembrane protein 3; Dispanin subfamily A member 2b; DSPA2b; Interferon-inducible protein 1-8U; anti-IFITM3 antibody

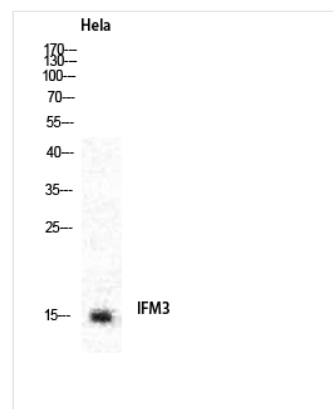
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-IFITM3 antibody	IF (Immunofluorescence), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES


WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000.
Not yet tested in other applications.


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ADDITIONAL INFORMATION

Related Product Information for anti-IFITM3 antibody

IFN-induced antiviral protein which disrupts intracellular cholesterol homeostasis. Inhibits the entry of viruses to the host cell cytoplasm by preventing viral fusion with cholesterol depleted endosomes. May inactivate new enveloped viruses which buds out of the infected cell, by letting them go out with a cholesterol depleted membrane. Active against multiple viruses, including influenza A virus, SARS coronavirus (SARS-CoV), Marburg virus (MARV) and 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. Plays a critical role in the structural stability and function of vacuolar ATPase (v-ATPase). Establishes physical contact with the v-ATPase of endosomes which is critical for proper clathrin localization and is also required for the function of the v-ATPase to lower the pH in phagocytic endosomes thus establishing an antiviral state.

NCBI AND UNIPROT INFORMATION

NCBI GI #	20178301
NCBI GeneID	10410
UniProt Accession #	Q01628; Q53Y76; Q96HK8; Q96J15
Molecular Weight	133
NCBI Official Full Name	Interferon-induced transmembrane protein 3
NCBI Official Synonym Full Names	interferon induced transmembrane protein 3
NCBI Official Symbol	IFITM3
NCBI Official Synonym Symbols	1-8U; IP15; DSPA2b
NCBI Protein Information	interferon-induced transmembrane protein 3; dispanin subfamily A member 2b; interferon-inducible protein 1-8U
UniProt Protein Name	Interferon-induced transmembrane protein 3
UniProt Gene Name	IFITM3
UniProt Synonym Gene Names	DSPA2b
UniProt Entry Name	IFM3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ifitm3-antibody-immunofluorescence-western-blot-elisa/295048>