

Rabbit IFITM3 Polyclonal Antibody | anti-IFITM3 antibody

IFITM3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA22340	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

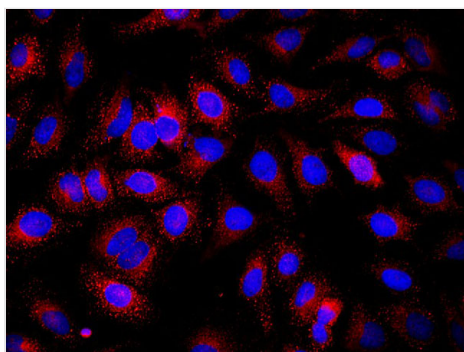
PRODUCT SYNONYMS

IFITM3; Polyclonal Antibody; IFITM3 Polyclonal Antibody; 1 8U; Fragilis; IFM3; Interferon induced transmembrane protein 3 (1 8U); Interferon Induced Transmembrane Protein 3; Interferon inducible; Interferon inducible protein 1 8U; Interferon Inducible Protein 15; Interferon Inducible Protein Homolog; Interferon-induced transmembrane protein 3; Interferon-inducible protein 1-8U; IP15; anti-IFITM3 antibody

PRODUCT SPECIFICATIONS

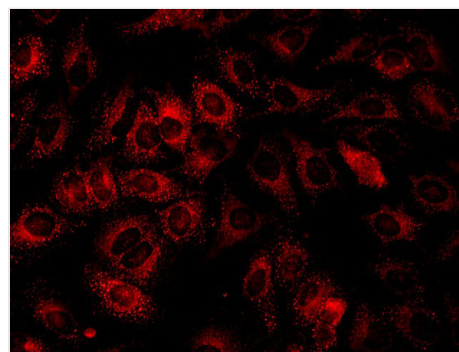
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH 7.4
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-IFITM3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:1000-1:2000 IHC: 1:50-1:200 IF: 1:100-1:400
Immunogen	Recombinant Rat IFITM3 protein expressed by E coli
Preparation and Storage	Store at -20 degree C Valid for 12 months. Avoid freeze/thaw cycles.

IMAGES



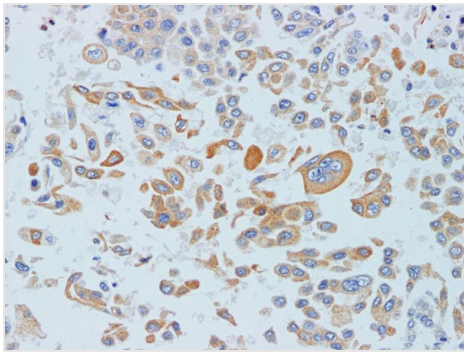
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using ifitm3 Polyclonal Antibody at dilution of 1:100

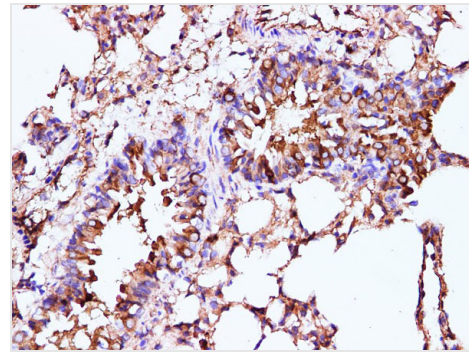


IF (Immunofluorescence)

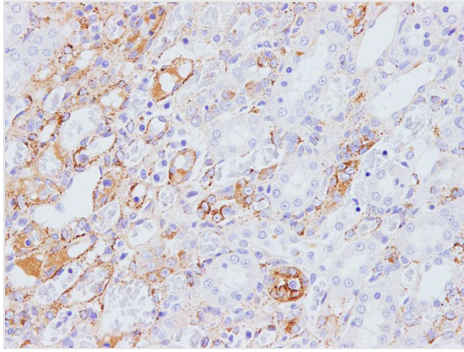
Immunofluorescence analysis of HeLa cells using IFITM3 Polyclonal Antibody at dilution of 1:100



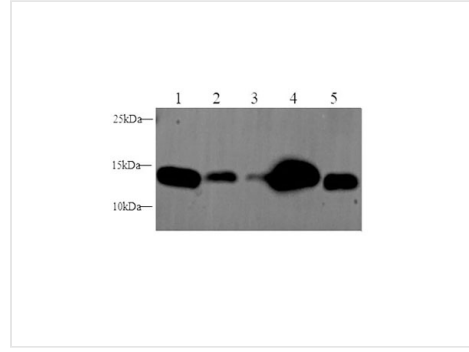
IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Human lung cancer using IFITM3 Polyclonal Antibody at dilution of 1:200



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Mouse lung using IFITM3 Polyclonal Antibody at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded Rat kidney using IFITM3 Polyclonal Antibody at dilution of 1:100



WB (Western Blot)
Western blot with IFITM3 Polyclonal antibody at dilution of 1:2000. lane 1: Hela whole cell lysate, lane 2: 293 T whole cell lysate, lane 3: Mouse Liver, lane 4: Mouse Heart, lane 5: Rat Liver

ADDITIONAL INFORMATION

Related Product Information for anti-IFITM3 antibody	IFITM3, also named as interferon-inducible protein 1-8U, belongs to the CD225 family. It is IFN-induced antiviral protein that mediates cellular innate immunity to at least three major human pathogens, namely influenza A H1N1 virus, West Nile virus (WNV), and dengue virus, by inhibiting the early steps of replication. IFITM3 is identified as interferon-induced cellular proteins that restrict infections by retroviruses and filoviruses and of influenza virus and flaviviruses, respectively. IFITM3, the most potent antiviral IFITM, was found to inhibit an uncharacterized early infectious event after VSV endocytosis, but before primary transcription of its viral genome. IFITM proteins are viral restriction factors that can inhibit infection mediated by the influenza A virus (IAV) hemagglutinin (HA) protein. They differentially restrict the entry of a broad range of enveloped viruses, and modulate cellular tropism independently of viral receptor expression. This antibody recognizes both IFITM2 and IFITM3.
Product Categories/Family for anti-IFITM3 antibody	Polyclonal Antibodies ; Primary Antibodies ; Polyclonal Antibodies ; Cancer ; Developmental Biology ; Stem Cells

NCBI AND UNIPROT INFORMATION

NCBI GI #	209915621
NCBI GeneID	361673
NCBI Accession #	NP_001129596.1
NCBI GenBank Nucleotide #	NM_001136124.1
UniProt Accession #	P26376 ; B5DER6 ; AAB22754
Molecular Weight	14,971 Da
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	rat8; DSPA2b
NCBI Protein Information	interferon-induced transmembrane protein 3; dispanin subfamily A member 2b; interferon-inducible protein variant 10
UniProt Protein Name	Interferon-induced transmembrane protein 3
UniProt Gene Name	ifitm3
UniProt Synonym Gene Names	DSPA2b
UniProt Entry Name	IFM3_RAT

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-western-blot-immunohistochemistry-immunofluorescence-elisa/22340>