

Rabbit anti-Human IFITM2 Polyclonal Antibody | anti-IFITM2 antibody

IFITM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA229915	Rabbit	Human	Western Blot, Immunohistochemistry, Immunofluorescence, ELISA

PRODUCT SYNONYMS

IFITM2; Polyclonal Antibody; IFITM2 Antibody; Interferon-induced transmembrane protein 2; Dispanin subfamily A member 2c; DSPA2c; Interferon-inducible protein 1-8D; anti-IFITM2 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%,Protein G purified
Form/Format	Liquid
Sequence Length	132
Applicable Applications for anti-IFITM2 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Immunogen	Recombinant human Interferon-induced transmembrane protein 2 protein
Conjugation	Non-conjugated
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-131568
Preparation and Storage	Shipped at 4 degree C. Upon delivery, aliquot and store at -20 degree C or -80 degree C.

IMAGES



IHC (Immunohistochemisry)

Immunofluorescent analysis of HepG2 cells using AAA229915 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohiostchemistry)

IHC image of AAA229915 diluted at 1:700 and staining in paraffin-embedded human lung cancer performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

Western BlotPositive WB detected in: Hela whole cell lysate, MCF-7 whole cell lysate, HepG2 whole cell lysate, A549 whole cell lysateAll lanes: IFITM2 antibody at 4.7ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 15 KDaObserved band size: 15 KDa

ADDITIONAL INFORMATION

Related Product Information for anti-IFITM2 antibody	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	151101191
NCBI GeneID	10581
NCBI Accession #	NP_006426.2
NCBI GenBank Nucleotide #	NM_006435.2
UniProt Accession #	Q01629; Q6FH82; Q96DA8
Molecular Weight	14,632 Da
NCBI Official Full Name	interferon-induced transmembrane protein 2
NCBI Official Synonym Full Names	interferon induced transmembrane protein 2
NCBI Official Symbol	IFITM2
NCBI Official Synonym Symbols	1-8D; DSPA2c
NCBI Protein Information	interferon-induced transmembrane protein 2
UniProt Protein Name	Interferon-induced transmembrane protein 2
UniProt Gene Name	IFITM2
UniProt Synonym Gene Names	DSPA2c
UniProt Entry Name	IFM2_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/ifitm2-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/229915>