

Rabbit anti-Human IFIT1 Polyclonal Antibody | anti-IFIT1 antibody

IFIT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA232538	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

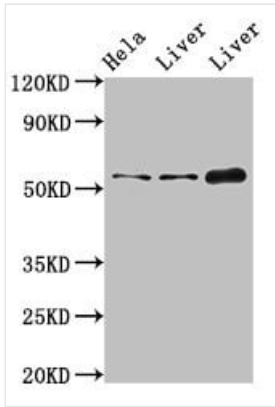
PRODUCT SYNONYMS

IFIT1; Polyclonal Antibody; IFIT1 Antibody; Interferon-induced protein with tetratricopeptide repeats 1; IFIT-1; Interferon-induced 56 kDa protein; IFI-56K; P56; G10P1; IFI56; IFNAI1; ISG56; anti-IFIT1 antibody

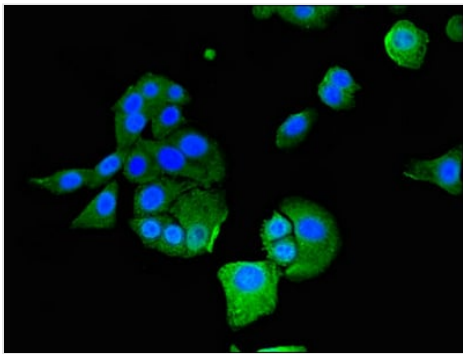
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	447
Applicable Applications for anti-IFIT1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Interferon-induced protein with tetratricopeptide repeats 1 protein (1-181AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-82946
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

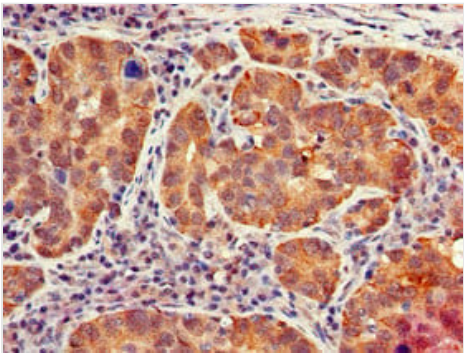
IMAGES



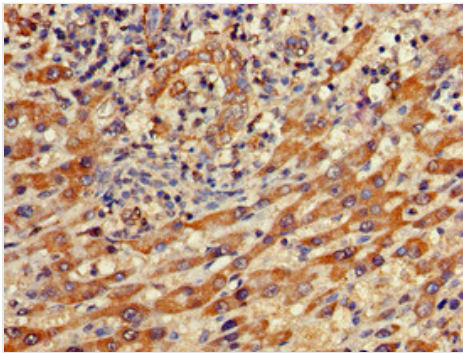
WB (Western Blot)
Western BlotPositive WB detected in: HeLa whole cell lysate,Rat liver tissue,Mouse liver tissueAll lanes: IFIT1 antibody at 4ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 56,52 KDaObserved band size: 56 KDa



IHC (Immunohistochemisry)
Immunofluorescent analysis of HepG2 cells using AAA232538 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human pancreatic cancer using AAA232538 at dilution of 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human liver cancer using AAA232538 at dilution of 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-IFIT1 antibody	Interferon-induced antiviral RNA-binding protein that specifically binds single-stranded RNA bearing a 5'-triphosphate group (PPP-RNA), thereby acting as a sensor of viral single-stranded RNAs and inhibiting expression of viral messenger RNAs. Single-stranded PPP-RNAs, which lack 2'-O-methylation of the 5' cap and bear a 5'-triphosphate group instead, are specific from viruses, providing a molecular signature to distinguish between self and non-self mRNAs by the host during viral infection. Directly binds PPP-RNA in a non-sequence-specific manner. Viruses evolved several ways to evade this restriction system such as encoding their own 2'-O-methylase for their mRNAs or by stealing host cap containing the 2'-O-methylation (cap snatching mechanism). Exhibits antiviral activity against several viruses including human papilloma and hepatitis C viruses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	400286381
NCBI GeneID	3434
NCBI Accession #	NP_001257857.1
NCBI GenBank Nucleotide #	NM_001270928.1
UniProt Accession #	P09914; Q5T7J1; Q96QM5; B3KS50; D3DR31
Molecular Weight	51,713 Da
NCBI Official Full Name	interferon-induced protein with tetratricopeptide repeats 1 isoform 3
NCBI Official Synonym Full Names	interferon induced protein with tetratricopeptide repeats 1

NCBI Official Symbol	IFIT1
NCBI Official Synonym Symbols	C56; P56; G10P1; IFI56; ISG56; IFI-56; IFIT-1; IFNAI1; RNM561; IFI-56K
NCBI Protein Information	interferon-induced protein with tetratricopeptide repeats 1
UniProt Protein Name	Interferon-induced protein with tetratricopeptide repeats 1
UniProt Gene Name	IFIT1
UniProt Synonym Gene Names	G10P1; IFI56; IFNAI1; ISG56; IFIT-1; IFI-56K; P56
UniProt Entry Name	IFIT1_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://www.aaabiotech.com/polyclonal/ifit1-antibody-immunofluorescence-immunohistochemistry-elisa/232538>