Rabbit IFIT1 Polyclonal Antibody | anti-IFIT1 antibody

IFIT1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40749	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot, ELISA**

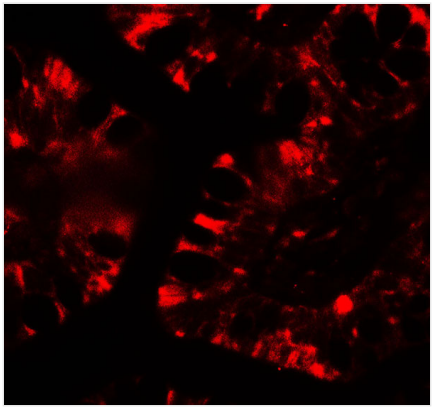
PRODUCT SYNONYMS

IFIT1; Polyclonal Antibody; IFIT1 Antibody; C56; P56; G10P1; IFI56; ISG56; IFI-56; IFIT-1; IFNAI1; RNM561; IFI-56K; Interferon-induced protein with tetratricopeptide repeats 1; Interferon-induced 56 kDa protein; interferon-induced protein with tetratricopeptide repeats 1; anti-IFIT1 antibody

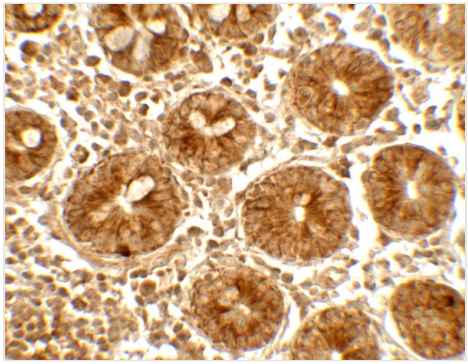
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	IFIT1 antibody is human, mouse and rat reactive. At least three isoforms of IFIT1 are known to exist. This antibody is predicted to not cross-react with other members of the IFIT protein family.
Purity/Purification	IFIT1 antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	478
Applicable Applications for anti-IFIT1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	IFIT1 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human IFIT1.
Buffer	IFIT1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	IFIT1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

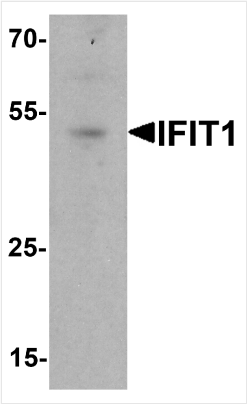
IMAGES



IF (Immunofluorescence)
Immunofluorescence of IFIT1 in human small intestine tissue with IFIT1 antibody at 20 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of IFIT1 in human small intestine tissue with IFIT1 antibody at 5 μg/mL.



WB (Western Blot)
Western blot analysis of IFIT1 in rat small intestine tissue lysate with IFIT1 antibody at 1 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-IFIT1 antibody	The interferon-induced protein with tetratricopeptide repeats 1 (IFIT1) protein is a member of a family of tetratricopeptide repeat-containing proteins whose transcription is upregulated by interferons, virus infection, and molecular patterns such as dsRNA or lipopolysaccharides (1,2). These proteins have been suggested to induce anti-viral cellular activities in response to infection (2). Together with the interferon-induced transmembrane protein 1 (IFITM1), IFIT1 inhibits the replication of the Hepatitis C virus, suggesting that it may be useful in the development of therapeutic treatments (3).

NCBI AND UNIPROT INFORMATION

NCBI GI #	116534937
NCBI GeneID	3434
NCBI Accession #	NP_001539
NCBI GenBank Nucleotide #	NM_001548.4
UniProt Accession #	P09914; Q5T7J1; Q96QM5; B3KS50; D3DR31
Molecular Weight	Predicted: 53 kDa Observed: 53 kDa
NCBI Official Full Name	interferon-induced protein with tetratricopeptide repeats 1 isoform 1

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; interferon-inducible mRNA 561; interferon-induced 56 kDa protein; interferon, alpha-inducible protein (MW 56kD)
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://stage.aaabiotech.com/polyclonal/ifit1-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/40749