

Product datasheet for **TA349041**

IFIT1 Rabbit Polyclonal Antibody

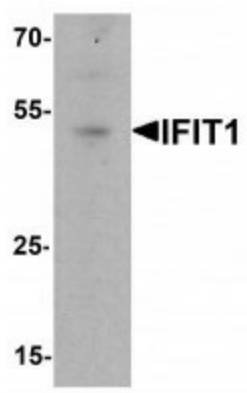
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 1 - 2 ug/mL, IHC: 5 ug/mL, IF: 20 ug/mL
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	IFIT1 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human IFIT1.
Formulation:	PBS containing 0.02% sodium azide.
Concentration:	1 mg/ml
Purification:	IFIT1 antibody is affinity chromatography purified via peptide column.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	Predicted: 53 kDa; Observed: 53 kDa
Gene Name:	interferon induced protein with tetratricopeptide repeats 1
Database Link:	NP_001539 Entrez Gene 15957 Mouse Entrez Gene 56824 Rat Entrez Gene 3434 Human P09914
Background:	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).
Synonyms:	C56; G10P1; IFI-56; IFI-56K; IFI56; IFIT-1; IFNAI1; ISG56; P56; RNM561

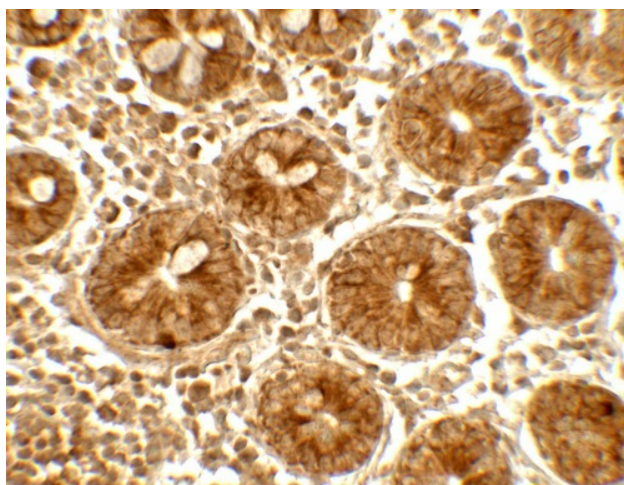


[View online »](#)

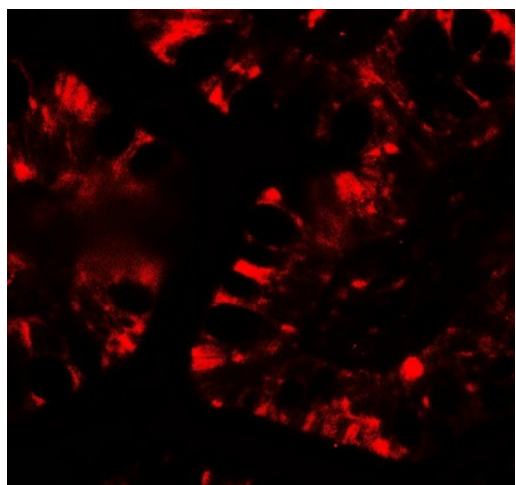
Product images:



Western blot analysis of IFIT1 in rat small intestine tissue lysate with IFIT1 antibody at 1 ug/mL.



Immunohistochemistry of IFIT1 in human small intestine tissue with IFIT1 antibody at 5 ug/mL.



Immunofluorescence of IFIT1 in human small intestine tissue with IFIT1 antibody at 20 ug/mL.