

## IFIT-5 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP04353
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human IFIT5. AA range:281-330
<b>Mol wt</b>	55847
<b>Species reactivity</b>	Human
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	WB, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	IFIT-5 Antibody
<b>Synonyms</b>	IFIT5; ISG58; RI58; Interferon-induced protein with tetratricopeptide repeats 5; IFIT-5; Interferon-induced 58 kDa protein; Retinoic acid- and interferon-inducible 58 kDa protein; P58

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

IFIT5 (Interferon Induced Protein With Tetratricopeptide Repeats 5) is a Protein Coding gene. GO annotations related to this gene include poly(A) RNA binding and tRNA binding. An important paralog of this gene is IFIT1. Interferon-induced 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. 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. Also recognizes and binds tRNAs.

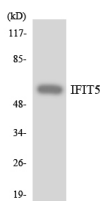
### Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 40000

Not yet tested in other applications.

### Images



Western blot analysis of the lysates from HepG2 cells using IFIT5 antibody.

### Storage

-20°C for one year