

IFIT-5 Polyclonal Antibody

Description

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|--------------------------------|---|
| Product type | Primary Antibody |
| Code | BT-AP04353 |
| Host | Rabbit |
| Isotype | IgG |
| Size | 20ul, 50ul, 100ul |
| Immunogen | The antiserum was produced against synthesized peptide derived from human IFIT5. AA range:281-330 |
| Mol wt | 55847 |
| Species reactivity | Human |
| Clonality | Polyclonal |
| Recommended application | WB, ELISA |
| Concentration | 1 mg/ml |
| Full name | IFIT-5 Antibody |
| Synonyms | 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.

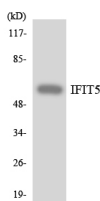
Recommended Dilution

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