

IFIT2 Antibody (Center)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP17102c**Specification**

IFIT2 Antibody (Center) - Product Information

| | |
|-------------------|-----------------------------|
| Application | WB,E |
| Primary Accession | P09913 |
| Other Accession | NP_001538.4 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 54632 |
| Antigen Region | 307-335 |

IFIT2 Antibody (Center) - Additional Information**Gene ID** 3433**Other Names**

Interferon-induced protein with tetratricopeptide repeats 2, IFIT-2, ISG-54 K, Interferon-induced 54 kDa protein, IFI-54K, P54, IFIT2, CIG-42, G10P2, IFI54, ISG54

Target/Specificity

This IFIT2 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 307-335 amino acids from the Central region of human IFIT2.

Dilution

WB~~1:1000

Format

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

Storage

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

IFIT2 Antibody (Center) is for research use only and not for use in diagnostic or therapeutic procedures.

IFIT2 Antibody (Center) - Protein Information**Name** IFIT2**Synonyms** CIG-42, G10P2, IFI54, ISG54

Function IFN-induced antiviral protein which inhibits expression of viral messenger RNAs lacking 2'-O-methylation of the 5' cap. The ribose 2'-O-methylation would provide a molecular signature to distinguish between self and non-self mRNAs by the host during viral infection. 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). Binds AU-rich viral RNAs, with or without 5' triphosphorylation, RNA-binding is required for antiviral activity. Can promote apoptosis.

Cellular Location

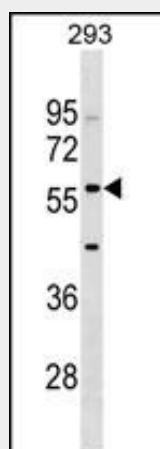
Cytoplasm. Endoplasmic reticulum

IFIT2 Antibody (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

IFIT2 Antibody (Center) - Images



IFIT2 Antibody (Center) (Cat. #AP17102c) western blot analysis in 293 cell line lysates (35ug/lane). This demonstrates the IFIT2 antibody detected the IFIT2 protein (arrow).

IFIT2 Antibody (Center) - References

- Lai, K.C., et al. Mol. Cancer Res. 6(9):1431-1439(2008)
Terenzi, F., et al. J. Biol. Chem. 281(45):34064-34071(2006)
Olsen, J.V., et al. Cell 127(3):635-648(2006)
Saha, S., et al. J. Gen. Virol. 87 (PT 11), 3285-3289 (2006) :
Grupe, A., et al. Am. J. Hum. Genet. 78(1):78-88(2006)