

ARG54736
anti-IFIT2 antibodyPackage: 100 µl
Store at: -20°C

Summary

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| Product Description | Rabbit Polyclonal antibody recognizes IFIT2 |
| Tested Reactivity | Hu |
| Tested Application | WB |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | IFIT2 |
| Species | Human |
| Immunogen | KLH-conjugated synthetic peptide corresponding to aa. 307-335 (Center) of Human IFIT2 (NP_001538.4). |
| Conjugation | Un-conjugated |
| Alternate Names | IFI-54K; IFIT-2; IFI-54; ISG54; ISG-54 K; cig42; Interferon-induced protein with tetratricopeptide repeats 2; Interferon-induced 54 kDa protein; P54; GARG-39; G10P2; IFI54; ISG-54K |

Application Instructions

| | | |
|-------------------|--|----------|
| Application table | Application | Dilution |
| | WB | 1:1000 |
| Application Note | * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |
| Positive Control | 293 | |

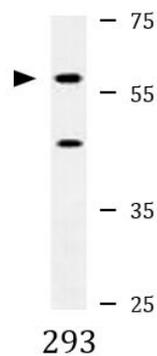
Properties

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|---------------------|--|
| Purification | Protein A purified |
| Buffer | PBS and 0.09% (W/V) Sodium azide |
| Preservative | 0.09% (W/V) Sodium azide |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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|-----------------------|---|
| Database links | GeneID: 3433 Human Swiss-port # P09913 Human |
| Gene Symbol | IFIT2 |
| Gene Full Name | interferon-induced protein with tetratricopeptide repeats 2 |
| 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. [UniProt] |
| Research Area | Immune System antibody; Signaling Transduction antibody |
| Calculated Mw | 55 kDa |
| Cellular Localization | Cytoplasm. Endoplasmic reticulum |

Images



ARG54736 anti-IFIT2 antibody WB image

Western blot: 35 µg of 293 cell lysate stained with ARG54736 anti-IFIT2 antibody.