

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

Summary

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	

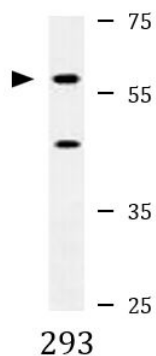
Properties

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

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.