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Datasheet for ABIN7156668

**anti-IFIT2 antibody (AA 130-265) (Biotin)**

## Overview

Quantity:	100 µg
Target:	IFIT2
Binding Specificity:	AA 130-265
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFIT2 antibody is conjugated to Biotin
Application:	ELISA

## Product Details

Immunogen:	Recombinant Human Interferon-induced protein with tetratricopeptide repeats 2 protein (130-265AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	IFIT2
Alternative Name:	IFIT2 ( <a href="#">IFIT2 Products</a> )
Background:	Background: IFN-induced antiviral protein which inhibits expression of viral messenger RNAs

## Target Details

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.

Aliases: CIG-42 antibody, cig42 antibody, G10P2 antibody, GARG 39 antibody, Glucocorticoid attenuated response gene 39 antibody, IFI 54 antibody, IFI 54K antibody, IFI-54K antibody, IFI54 antibody, IFIT 2 antibody, IFIT-2 antibody, IFIT2 antibody, IFIT2\_HUMAN antibody, Interferon induced 54 kDa protein antibody, Interferon induced protein 54 antibody, Interferon induced protein with tetratricopeptide repeats 2 antibody, Interferon, alpha inducible protein (MW 54kD) antibody, Interferon-induced 54 kDa protein antibody, Interferon-induced protein with tetratricopeptide repeats 2 antibody, ISG 54 K antibody, ISG 54K antibody, ISG-54 K antibody, ISG54 antibody

UniProt: [P09913](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.