

Datasheet for ABIN7156667
anti-IFIT2 antibody (AA 130-265)[Go to Product page](#)

4 Images

Overview

Quantity:	100 µg
Target:	IFIT2
Binding Specificity:	AA 130-265
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFIT2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

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

Target Details

Target:	IFIT2
Alternative Name:	IFIT2 (IFIT2 Products)
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: Recommended dilution: WB:1:500-1:5000, IHC:1:500-1:1000, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

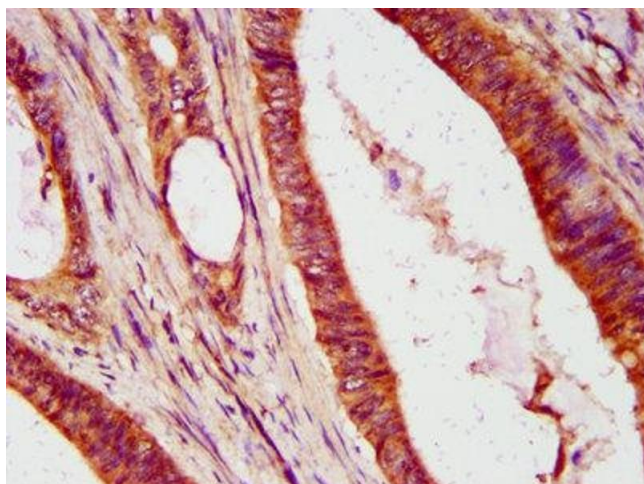
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

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

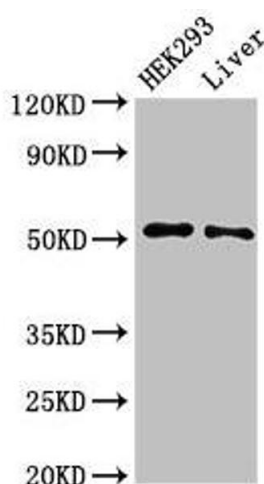
Storage: -20 °C, -80 °C

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



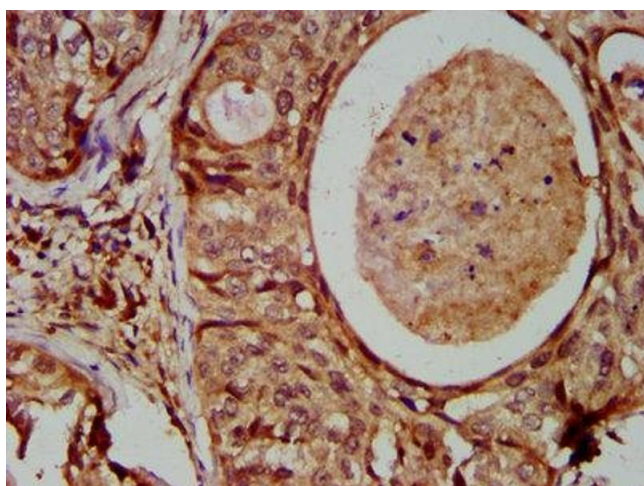
Immunohistochemistry

Image 1. IHC image of ABIN7156667 diluted at 1:600 and staining in paraffin-embedded human colon cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



Western Blotting

Image 2. Western Blot Positive WB detected in: HEK293 whole cell lysate, Rat liver tissue All lanes: IFIT2 antibody at 3 µg/mL Secondary Goat polyclonal to rabbit IgG at 1/50000 dilution Predicted band size: 55 kDa Observed band size: 55 kDa



Immunohistochemistry

Image 3. IHC image of ABIN7156667 diluted at 1:600 and staining in paraffin-embedded human cervical cancer performed on a Leica Bond™ system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7156667.