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Datasheet for ABIN7156675
anti-IFIT5 antibody (AA 107-320)

3 Images

Overview

Quantity:	100 µg
Target:	IFIT5
Binding Specificity:	AA 107-320
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFIT5 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant Human Interferon-induced protein with tetratricopeptide repeats 5 protein (107-320AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IFIT5
Alternative Name:	IFIT5 (IFIT5 Products)
Background:	Background: Interferon-induced RNA-binding protein that specifically binds single-stranded

Target Details

RNA bearing a 5\'-triphosphate group (PPP-RNA), thereby acting as a sensor of viral single-stranded RNAs. Single-stranded PPP-RNAs, which lack 2\'-O-methylation of the 5\' cap and bear a 5\'-triphosphate group instead, are specific from viruses, providing a molecular signature to distinguish between self and non-self mRNAs by the host during viral infection. Directly binds PPP-RNA in a non-sequence-specific manner. Also recognizes and binds tRNAs. Aliases: FLJ53857 antibody, FLJ92678 antibody, IFIT-5 antibody, IFIT5 antibody, IFIT5_HUMAN antibody, Interferon induced protein with tetratricopeptide repeats 5 antibody, Interferon-induced protein with tetratricopeptide repeats 5 antibody, Retinoic acid and interferon inducible 58 kDa protein antibody, Retinoic acid and interferon inducible protein (58kD) antibody, Retinoic acid- and interferon-inducible 58 kDa protein antibody, RI58 antibody

UniProt: [Q13325](#)

Application Details

Application Notes: Recommended dilution: WB:1:500-1:5000, IHC:1:20-1:200, IF:1:50-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

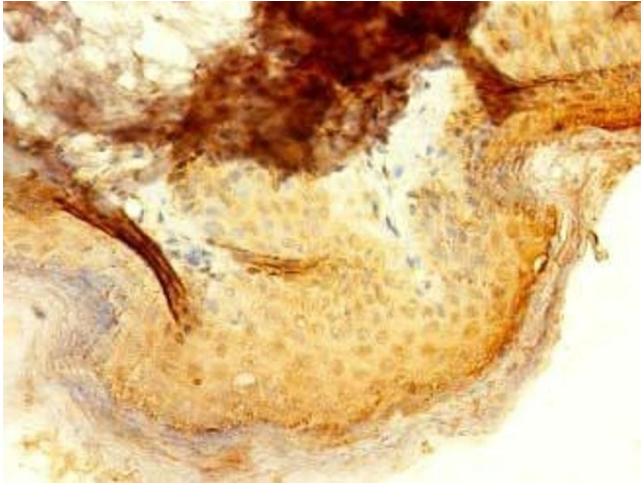
Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

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

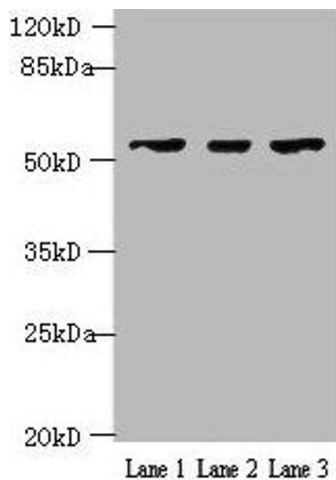
Storage: -20 °C,-80 °C

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



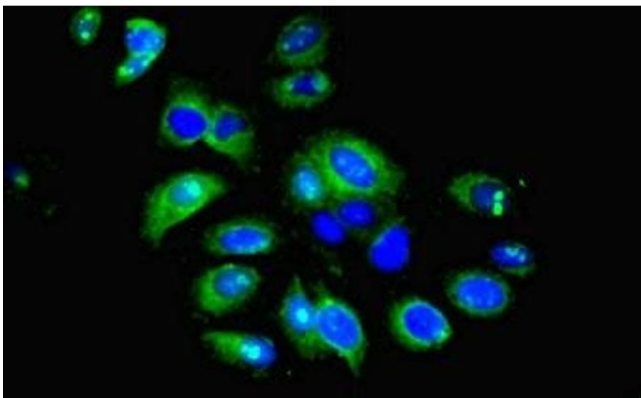
Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human skin tissue using ABIN7156675 at dilution of 1:100



Western Blotting

Image 2. Western blot All lanes: IFIT5 antibody at 2 µg/mL
Lane 1: A375 whole cell lysate Lane 2: Jurkat whole cell lysate Lane 3: HepG2 whole cell lysate Secondary Goat polyclonal to rabbit IgG at 1/10000 dilution Predicted band size: 56, 51 kDa Observed band size: 56 kDa



Immunofluorescence

Image 3. Immunofluorescent analysis of HepG2 cells using ABIN7156675 at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)