

Rabbit anti-Human, Rat IFIT2 Polyclonal Antibody | anti-IFIT2 antibody

IFIT2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233228	Rabbit	Human, Rat	Immunofluorescence, Immunohistochemistry, Western Blot, ELISA

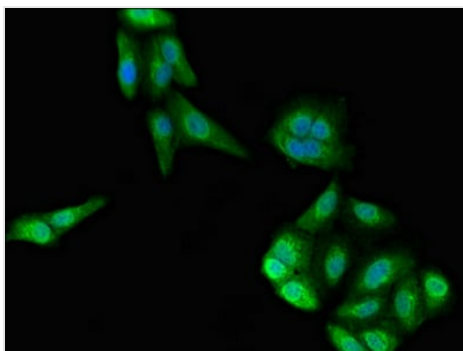
PRODUCT SYNONYMS

IFIT2; Polyclonal Antibody; IFIT2 Antibody; Interferon-induced protein with tetratricopeptide repeats 2; IFIT-2; ISG-54 K; Interferon-induced 54 kDa protein; IFI-54K; P54; CIG-42; G10P2; IFI54; ISG54; anti-IFIT2 antibody

PRODUCT SPECIFICATIONS

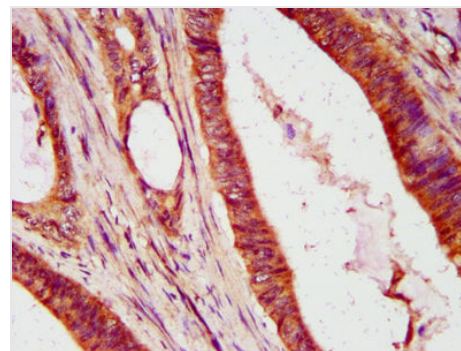
Host	Rabbit
Reactivity	Human, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	472
Applicable Applications for anti-IFIT2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot), ELISA
Immunogen	Recombinant Human Interferon-induced protein with tetratricopeptide repeats 2 protein (130-265AA)
Conjugation	Non-conjugated
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



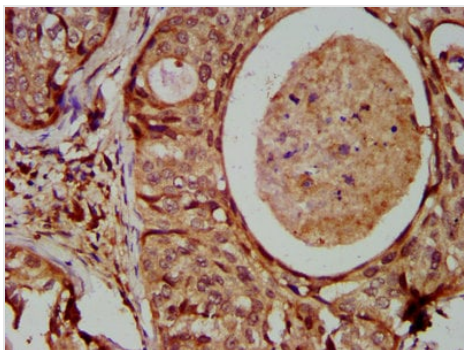
IF (Immunofluorescence)

Immunofluorescent analysis of HepG2 cells using AAA233228 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



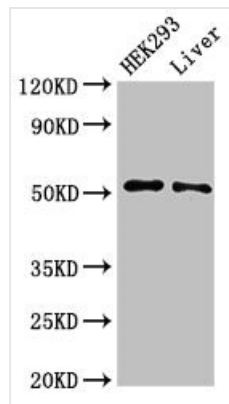
IHC (Immunohistochemistry)

IHC image of AAA233228-IHC 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



IHC (Immunohistochemistry)

IHC image of AAA233228-IHC diluted at 1:600 and staining in paraffin-embedded human cervical cancer performed on a Leica BondTM 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 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



WB (Western Blot)

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

ADDITIONAL INFORMATION

Related Product Information for anti-IFIT2 antibody

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	153082755
NCBI GeneID	3433
NCBI Accession #	NP_001538.4
NCBI GenBank Nucleotide #	NM_001547.4
UniProt Accession #	P09913; Q5T767
Molecular Weight	54,632 Da
NCBI Official Full Name	interferon-induced protein with tetratricopeptide repeats 2
NCBI Official Synonym Full Names	interferon induced protein with tetratricopeptide repeats 2
NCBI Official Symbol	IFIT2
NCBI Official Synonym Symbols	P54; G10P2; IFI54; ISG54; cig42; IFI-54; IFIT-2; GARG-39; IFI-54K; ISG-54K; ISG-54 K
NCBI Protein Information	interferon-induced protein with tetratricopeptide repeats 2
UniProt Protein Name	Interferon-induced protein with tetratricopeptide repeats 2
UniProt Gene Name	IFIT2
UniProt Synonym Gene Names	CIG-42; G10P2; IFI54; ISG54; IFIT-2; IFI-54K; P54

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ifit2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/233228>