

Rabbit anti-Human IFI-56K Polyclonal Antibody | anti-IFI-56K antibody

IFI-56K Polyclonal Antibody

CATALOG # AAA295047	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

IFI-56K; Polyclonal Antibody; IFI-56K Polyclonal Antibody; IFIT1; G10P1; IFI56; IFNAI1; ISG56; Interferon-induced protein with tetratricopeptide repeats 1; IFIT-1; Interferon-induced 56 kDa protein; P56; anti-IFI-56K antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Applicable Applications for anti-IFI-56K antibody	IHC (Immunohistochemistry), WB (Western Blot)
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000.
Not yet tested in other applications.



WB (Western Blot)

Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/40000.
Not yet tested in other applications.

ADDITIONAL INFORMATION

Related Product Information for anti-IFI-56K antibody	Interferon-induced antiviral RNA-binding protein that specifically binds single-stranded RNA bearing a 5'-triphosphate group (PPP-RNA), thereby acting as a sensor of viral single-stranded RNAs and inhibiting expression of viral messenger 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. 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). Exhibits antiviral activity against several viruses including human papilloma and hepatitis C viruses.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	116534937
NCBI GeneID	3434
NCBI Accession #	NP_001539.3
NCBI GenBank Nucleotide #	NM_001548.4
UniProt Accession #	P09914; Q5T7J1; Q96QM5

Molecular Weight	55,360 Da
NCBI Official Full Name	interferon-induced protein with tetratricopeptide repeats 1 isoform 1
NCBI Official Synonym Full Names	interferon-induced protein with tetratricopeptide repeats 1
NCBI Official Symbol	IFIT1
NCBI Official Synonym Symbols	C56; P56; G10P1; IFI56; ISG56; IFI-56; IFIT-1; IFNAI1; RNM561; IFI-56K
NCBI Protein Information	interferon-induced protein with tetratricopeptide repeats 1; interferon-inducible mRNA 561; interferon-induced 56 kDa protein; interferon, alpha-inducible protein (MW 56kD)
UniProt Protein Name	Interferon-induced protein with tetratricopeptide repeats 1
UniProt Gene Name	IFIT1
UniProt Synonym Gene Names	G10P1; IFI56; IFNAI1; ISG56; IFIT-1; IFI-56K; P56
UniProt Entry Name	IFIT1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ifi-56k-antibody-immunohistochemistry-western-blot-elisa/295047>