

IFI-56K Polyclonal Antibody

Catalog # AP70458

Specification

IFI-56K Polyclonal Antibody - Product Information

Application	WB
Primary Accession	P09914
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal

IFI-56K Polyclonal Antibody - Additional Information

Gene ID 3434

Other Names

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

Dilution

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

Format

Liquid in PBS containing 50% glycerol, 0.5%
BSA and 0.02% sodium azide.

Storage Conditions

-20°C

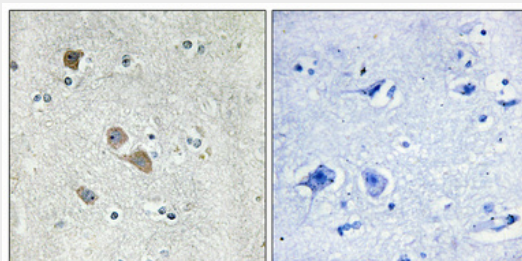
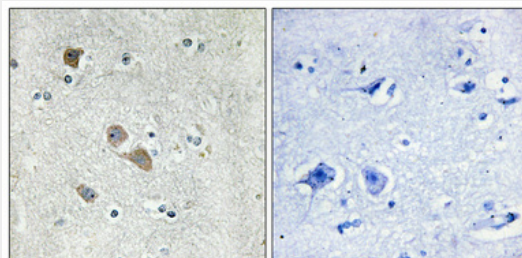
IFI-56K Polyclonal Antibody - Protein Information

Name IFIT1

Synonyms G10P1, IFI56, IFNAI1, ISG56

Function

Interferon-induced antiviral RNA-binding
protein that specifically binds
single-stranded RNA bearing a
5'-triphosphate group (PPP-RNA), thereby
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RNAs and inhibiting expression of viral
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IFI-56K Polyclonal Antibody - Background

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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
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Cellular Location

Cytoplasm

IFI-56K Polyclonal Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)