

## anti- IFIT1 antibody

### Product Information

Catalog No.:	FNab04135
Size:	100µg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

### Background

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.

### Immunogen information

Immunogen:	interferon-induced protein with tetratricopeptide repeats 1
Synonyms:	G10P1, GARG 16, IFI 56, IFI 56K, IFI56, IFIT 1, IFIT1, IFNAI1, ISG56, RNM561
Observed MW:	55 kDa
UniprotID :	P09914

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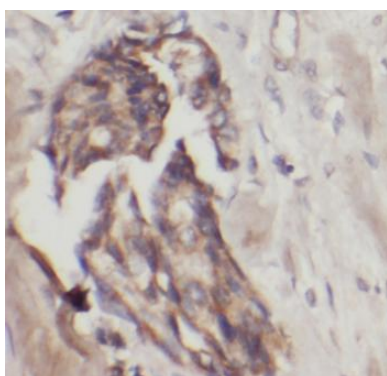
## Application

Reactivity: Human, Rat, Mouse

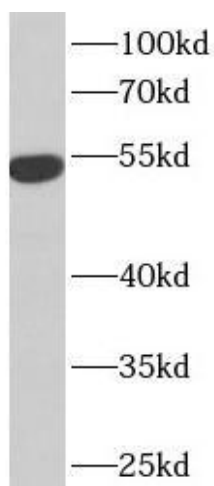
Tested Application: ELISA, IHC, WB

Recommended dilution: WB: 1:500-1:1000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human breast cancer slide using FNab04135(IFIT1 Antibody) at dilution of 1:50



U-937 cells were subjected to SDS PAGE followed by western blot with FNab04135(IFIT1 Antibody) at dilution of 1:600

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