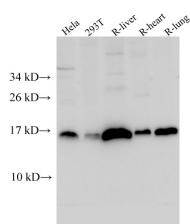


IFITM3 Polyclonal Antibody

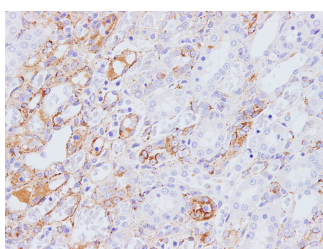
Catalog No.	E-AB-40263	Reactivity	H,M,R
Storage	Store at -20°C. Avoid freeze / thaw cycles.	Host	Rabbit
Applications	WB,IHC,IF	Isotype	IgG

Note: Centrifuge before opening to ensure complete recovery of vial contents.

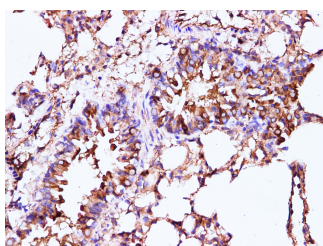
Images



Western Blot analysis of HeLa, 293T cells, Rat liver, Rat heart and Rat lung using IFITM3 Polyclonal Antibody at dilution of 1:1000



Immunohistochemistry of paraffin-embedded Rat kidney using IFITM3 Polyclonal Antibody at dilution of 1:100



Immunohistochemistry of paraffin-embedded Mouse lung using IFITM3 Polyclonal Antibody at dilution of 1:100

Immunogen Information

Immunogen	Recombinant Rat Interferon-induced transmembrane protein 3 protein
Swissprot	P26376
Synonyms	Fragilis,IFITM3,IFM3,IP15

Product Information

Calculated MW	15 kDa
Observed MW	15 kDa
Buffer	PBS with 0.05% Proclin300 and 50% glycerol, pH7.4.
Purify	Antigen Affinity Purification
Dilution	WB 1:1000-1:2000 IHC 1:50-1:200 IF 1:100-1:400

Background

IFITM3, also named as interferon-inducible protein 1-8U, belongs to the CD225 family. It is IFN-induced antiviral protein that mediates cellular innate immunity to at least three major human pathogens, namely influenza A H1N1 virus, West Nile virus (WNV), and dengue virus, by inhibiting the early steps of replication. IFITM3 is identified as interferon-induced cellular proteins that restrict infections by retroviruses and filoviruses and of influenza virus and flaviviruses, respectively. IFITM3, the most potent antiviral IFITM, was found to inhibit an uncharacterized early infectious event after VSV endocytosis, but before primary transcription of its viral genome. IFITM proteins are viral restriction factors that can inhibit infection mediated by the influenza A virus (IAV) hemagglutinin (HA) protein. They differentially restrict the entry of a broad range of enveloped viruses, and modulate cellular tropism independently of viral receptor expression. This antibody recognizes both IFITM2 and IFITM3.

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Applications: WB-Western Blot IHC-Immunohistochemistry IF-Immunofluorescence IP-Immunoprecipitation FC-Flow cytometry ChIP-Chromatin Immunoprecipitation Reactivity: H-Human R-Rat M-Mouse Mk-Monkey Dg-Dog Ch-Chicken Hm-Hamster Rb-Rabbit Sh-Sheep Pg-Pig Z-Zebrafish X-Xenopus C-Cow.