

Anti-IFIT1 Antibody

Catalog Number: A02652-1

About IFIT1

The interferon-induced protein with tetratricopeptide repeats 1 (IFIT1) protein is a member of a family of tetratricopeptide repeat-containing proteins whose transcription is upregulated by interferons, virus infection, and molecular patterns such as dsRNA or lipopolysaccharides (1,2). These proteins have been suggested to induce anti-viral cellular activities in response to infection (2). Together with the interferon-induced transmembrane protein 1 (IFITM1), IFIT1 inhibits the replication of the Hepatitis C virus, suggesting that it may be useful in the development of therapeutic treatments (3).

Overview

Product Name	Anti-IFIT1 Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-IFIT1 Antibody (Catalog # A02652-1). Tested in ELISA, WB, IHC-P, IF applications. This antibody reacts with Human, Mouse, Rat.
Application	ELISA, IF, IHC-P, WB
Clonality	Polyclonal
Formulation	IFIT1 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	IFIT1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	P09914

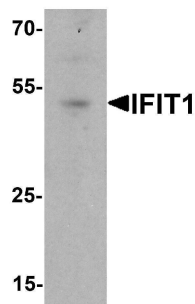
Technical Details

Immunogen	IFIT1 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human IFIT1. The immunogen is located within amino acids 290 - 340 of IFIT1.
Predicted Reactive Species	Bovine, Chicken, Mouse, Rat
Cross Reactivity	IFIT1 antibody is human, mouse and rat reactive. At least three isoforms of IFIT1 are known to exist. This antibody is predicted to not cross-react with other members of the IFIT protein family.
Isotype	IgG
Form	Liquid
Concentration	1 mg/mL
Purification	IFIT1 antibody is affinity chromatography purified via peptide column.

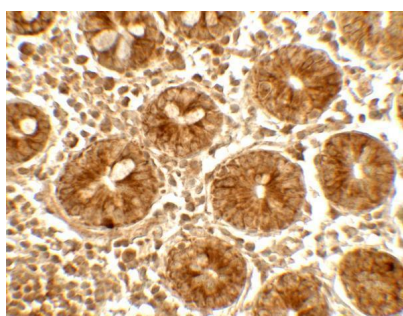
Suggested Dilutions

IFIT1 antibody can be used for detection of IFIT1 by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry at 5 ug/mL. For Immunofluorescence start at 20 ug/mL. Antibody validated: Western Blot in rat samples; Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

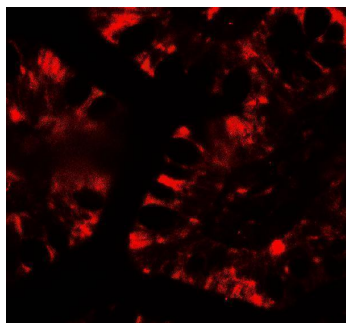
Anti-IFIT1 Antibody (A02652-1) Images



Western blot analysis of IFIT1 in rat small intestine tissue lysate with IFIT1 antibody at 1 ug/ml.



Immunohistochemistry of IFIT1 in human small intestine tissue with IFIT1 antibody at 5 ug/mL.



Immunofluorescence of IFIT1 in human small intestine tissue with IFIT1 antibody at 20 ug/mL.

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Anti-IFIT1 Antibody

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