

Anti-IFIT3 Antibody

Catalog Number: A03920

About IFIT3

The interferon-induced protein with tetratricopeptide repeats 3 (IFIT3) 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). IFIT3 has been shown to interact with TBK1 following RNA virus infection, thereby bridging TBK1 to VISA on the mitochondrion and activating IRF3 and thus the immune response (3).

Overview

Product Name	Anti-IFIT3 Antibody
Reactive Species	Human
Description	Boster Bio Anti-IFIT3 Antibody (Catalog # A03920). Tested in ELISA, WB, IHC-P applications. This antibody reacts with Human.
Application	ELISA, IHC-P, WB
Clonality	Polyclonal Clone: SK7
Formulation	IFIT3 Antibody is supplied in PBS containing 0.02% sodium azide.
Storage Instructions	IFIT3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.
Host	Rabbit
Uniprot ID	O14879

Technical Details

Immunogen	IFIT3 antibody was raised against an 18 amino acid peptide near the carboxy terminus of human IFIT3. The immunogen is located within amino acids 380 - 430 of IFIT3 .
Predicted Reactive Species	Bovine
Cross Reactivity	IFIT3 antibody is human specific. 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	IFIT3 antibody is affinity chromatography purified via peptide column.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this

kit.

If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples.

Some PubMed article(s) citing the expression level of this target are as follows:

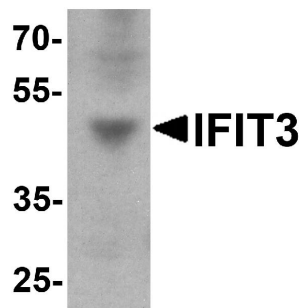
Boster Bio's internal QC testing used:

IFIT3 antibody can be used for detection of IFIT3 by Western blot at 1 - 2 ug/ml. Antibody can also be used for Immunohistochemistry at 5 ug/mL.

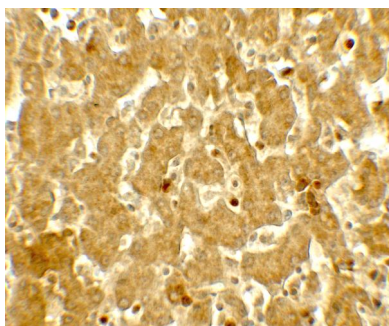
Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples.

All other applications and species not yet tested. Optimal dilutions for each application should be determined by the researcher.

Anti-IFIT3 Antibody (A03920) Images



Western blot analysis of IFIT3 in HepG2 cell lysate with IFIT3 antibody at 1 ug/ml.



Immunohistochemistry of IFIT3 in human liver tissue with IFIT3 antibody at 5 ug/mL.

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-IFIT3 Antibody