

Datasheet for ABIN5689995
anti-IFIT1 antibody (AA 290-340)



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Overview

Quantity:	0.1 mg
Target:	IFIT1
Binding Specificity:	AA 290-340
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFIT1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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.
Isotype:	IgG
Specificity:	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.
Purification:	IFIT1 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	IFIT1
Alternative Name:	IFIT1 (IFIT1 Products)
Background:	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).
Molecular Weight:	Predicted: 53 kDa Observed: 53 kDa
Gene ID:	3434
NCBI Accession:	NP_001539
UniProt:	P09914
Pathways:	Hepatitis C

Application Details

Application Notes:	IFIT1 antibody can be used for detection of IFIT1 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry at 5 µg/mL. For Immunofluorescence start at 20 µg/mL.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	IFIT1 Antibody is supplied in PBS containing 0.02 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: 4 °C, -20 °C

Storage Comment: IFIT1 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.