

Datasheet for ABIN6991994
anti-IFIT3 antibody (C-Term)



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Overview

Quantity:	0.1 mg
Target:	IFIT3
Binding Specificity:	AA 380-430, C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFIT3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product 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 .
Isotype:	IgG
Specificity:	IFIT3 antibody is human specific. This antibody is predicted to not cross-react with other members of the IFIT protein family.
Purification:	IFIT3 antibody is affinity chromatography purified via peptide column.

Target Details

Target:	IFIT3
Alternative Name:	IFIT3 (IFIT3 Products)

Target Details

Background:	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).
Molecular Weight:	Predicted: 54 kDa Observed: 50 kDa
Gene ID:	3437
NCBI Accession:	NP_001026853
UniProt:	O14879

Application Details

Application Notes:	IFIT3 antibody can be used for detection of IFIT3 by Western blot at 1 - 2 µg/mL. Antibody can also be used for Immunohistochemistry at 5 µg/mL. Antibody validated: Western Blot in human samples and Immunohistochemistry in human samples. All other applications and species not yet tested.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	IFIT3 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.
Storage:	-20 °C, 4 °C
Storage Comment:	IFIT3 antibody can be stored at 4°C for three months and -20°C, stable for up to one year.