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## Datasheet for ABIN7115383 **anti-IFIT2 antibody**

### Overview

Quantity:	100 µg
Target:	IFIT2
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

### Product Details

Immunogen:	interferon-induced protein with tetratricopeptide repeats 2
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

### Target Details

Target:	IFIT2
Alternative Name:	IFIT2 ( <a href="#">IFIT2 Products</a> )
Background:	<p>Synonyms:cig42, G10P2, GARG 39, IFI 54, IFI 54K, IFI54, IFIT 2, IFIT2, ISG 54 K, ISG 54K, ISG54</p> <p>Background:IFN-induced antiviral protein which inhibits expression of viral messenger RNAs lacking 2'-O-methylation of the 5' cap. The ribose 2'-O-methylation would provide a molecular signature to distinguish between self and non-self mRNAs by the host during viral infection.</p> <p>Viruses evolved several ways to evade this restriction system such as encoding their own 2'-O-</p>

## Target Details

methylase for their mRNAs or by stealing host cap containing the 2'-O-methylation(cap snatching mechanism). Binds AU-rich viral RNAs, with or without 5' triphosphorylation, RNA-binding is required for antiviral activity. Can promote apoptosis.

Molecular Weight: 50-55 kDa

Gene ID: 3433

UniProt: [P09913](#)

## Application Details

Application Notes: WB: 1:200-1:1000, IHC: 1:50-1:500, IF: 1:10-1:100

Restrictions: For Research Use only

## Handling

Format: Liquid

Buffer: PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,

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

Storage Comment: -20°C for 12 months (Avoid repeated freeze / thaw cycles.)

Expiry Date: 12 months