



IFIT2 Polyclonal Antibody

Cat #: ABP58878

Size: 30µl /100µl /200µl

Product Information

	Product Name: IFIT2 Polyclonal Antibody		
	Applications: WB, ELISA		Isotype: Rabbit IgG
	Reactivity: Human		
REF	Catalog Number: ABP58878	LOT	Lot Number: Refer to product label
	Formulation: Liquid		Concentration: 1 mg/ml
	Storage: Store at -20°C. Avoid repeated freeze / thaw cycles.		Note: Contain sodium azide.

Background: IFIT2 (Interferon Induced Protein With Tetratricopeptide Repeats 2) is a Protein Coding gene. Among its related pathways are Type II interferon signaling (IFNG) and Interferon gamma signaling. 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. Viruses evolved several ways to evade this restriction system such as encoding their own 2-O-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.

Application Notes: Optimal working dilutions should be determined experimentally by the investigator. Suggested starting dilutions are as follows: WB (1:500-1:2000), ELISA (1:5000-1:20000).

Storage Buffer: PBS, pH 7.4, containing 0.02% Sodium Azide as preservative and 50% Glycerol.

Storage Instructions: Stable for one year at -20°C from date of shipment. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap. Aliquot to avoid repeated freezing and thawing.

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