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Datasheet for ABIN7156672
anti-IFIT3 antibody (AA 1-490) (Biotin)

Overview

Quantity:	100 µg
Target:	IFIT3
Binding Specificity:	AA 1-490
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This IFIT3 antibody is conjugated to Biotin
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Interferon-induced protein with tetratricopeptide repeats 3 protein (1-490AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	IFIT3
Alternative Name:	IFIT3 (IFIT3 Products)
Background:	Background: IFN-induced antiviral protein which acts as an inhibitor of cellular as well as viral

Target Details

processes, cell migration, proliferation, signaling, and viral replication. Enhances MAVS-mediated host antiviral responses by serving as an adapter bridging TBK1 to MAVS which leads to the activation of TBK1 and phosphorylation of IRF3 and phosphorylated IRF3 translocates into nucleus to promote antiviral gene transcription. Exhibits an antiproliferative activity via the up-regulation of cell cycle negative regulators CDKN1A/p21 and CDKN1B/p27. Normally, CDKN1B/p27 turnover is regulated by COPS5, which binds CDKN1B/p27 in the nucleus and exports it to the cytoplasm for ubiquitin-dependent degradation. IFIT3 sequesters COPS5 in the cytoplasm, thereby increasing nuclear CDKN1B/p27 protein levels. Upregulates CDKN1A/p21 by downregulating MYC, a repressor of CDKN1A/p21. Can negatively regulate the apoptotic effects of IFIT2.

Aliases: CIG 49 antibody, CIG49 antibody, GARG 49 antibody, IFI-60K antibody, IFI60 antibody, IFI60K antibody, IFIT-3 antibody, IFIT-4 antibody, Ifit3 antibody, IFIT3_HUMAN antibody, IFIT4 antibody, Interferon induced 60 kDa protein antibody, Interferon induced protein 60 antibody, Interferon induced protein with tetratricopeptide repeats 3 antibody, Interferon-induced 60 kDa protein antibody, Interferon-induced protein with tetratricopeptide repeats 3 antibody, Interferon-induced protein with tetratricopeptide repeats 4 antibody, IRG2 antibody, ISG-60 antibody, ISG60 antibody, P60 antibody, Retinoic acid induced gene G protein antibody, Retinoic acid-induced gene G protein antibody, RIG G antibody, RIG-G antibody, RIGG antibody, RP11-149I23.4 antibody

UniProt: [014879](#)

Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: Preservative: 0.03 % Proclin 300
Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: -20 °C,-80 °C

Handling

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.