

Resource Summary Report

Generated by [NIF](#) on Jul 30, 2026

IRF3-human

RRID:AB_2264929

Type: Antibody

Proper Citation

Santa Cruz Biotechnology Cat# sc-9082, RRID:AB_2264929

Antibody Information

URL: http://antibodyregistry.org/AB_2264929

Proper Citation: Santa Cruz Biotechnology Cat# sc-9082, RRID:AB_2264929

Target Antigen: IRF3

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; ENCODE PROJECT External validation DATA SET is released testing lot unknown for K562,GM12878,HepG2; status is eligible for new data

Antibody Name: IRF3-human

Description: This polyclonal targets IRF3

Target Organism: homo sapiens

Antibody ID: AB_2264929

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-9082

Record Creation Time: 20250820T050141+0000

Record Last Update: 20250820T203511+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: I0908 is available under ENCODE ID: ENCAB000AHY - ENCODE

Warning: Discontinued: 2016

Discontinued: 2016; ENCODE PROJECT External validation DATA SET is released testing lot unknown for K562,GM12878,HepG2; status is eligible for new data

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 22 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Boehme JD, et al. (2025) Epigenetic changes and serotype-specific responses of alveolar type II epithelial cells to Streptococcus pneumoniae in resolving influenza A virus infection. Cell communication and signaling : CCS, 23(1), 278.

Shen T, et al. (2025) GADD45G operates as a pathological sensor orchestrating reactive gliosis and neurodegeneration. Neuron, 113(13), 2176.

Glitscher M, et al. (2024) Inhibition of Pim kinases triggers a broad antiviral activity by affecting innate immunity and via the PI3K-Akt-mTOR axis the endolysosomal system. Antiviral research, 226, 105891.

Scrima N, et al. (2023) Rabies virus P protein binds to TBK1 and interferes with the formation of innate immunity-related liquid condensates. Cell reports, 42(1), 111949.

Yang S, et al. (2023) Metabolic enzyme UAP1 mediates IRF3 pyrophosphorylation to facilitate innate immune response. Molecular cell, 83(2), 298.

Nakazawa Y, et al. (2021) Tumor-derived extracellular vesicles regulate tumor-infiltrating regulatory T cells via the inhibitory immunoreceptor CD300a. eLife, 10.

Hu QX, et al. (2021) Histone demethylase LSD1 promotes RIG-I poly-ubiquitination and anti-viral gene expression. PLoS pathogens, 17(9), e1009918.

Zeng C, et al. (2021) SERINC proteins potentiate antiviral type I IFN production and proinflammatory signaling pathways. Science signaling, 14(700), eabc7611.

Wang Q, et al. (2021) Differential Effects of Viral Nucleic Acid Sensor Signaling Pathways on Testicular Sertoli and Leydig Cells. Endocrinology, 162(12).

Dixon CR, et al. (2021) STING nuclear partners contribute to innate immune signaling responses. iScience, 24(9), 103055.

Xiao J, et al. (2020) Targeting 7-Dehydrocholesterol Reductase Integrates Cholesterol Metabolism and IRF3 Activation to Eliminate Infection. Immunity, 52(1), 109.

Yu CH, et al. (2020) TDP-43 Triggers Mitochondrial DNA Release via mPTP to Activate cGAS/STING in ALS. *Cell*, 183(3), 636.

Chen ST, et al. (2019) NLRP12 Regulates Anti-viral RIG-I Activation via Interaction with TRIM25. *Cell host & microbe*, 25(4), 602.

Sun MS, et al. (2018) TMED2 Potentiates Cellular IFN Responses to DNA Viruses by Reinforcing MITA Dimerization and Facilitating Its Trafficking. *Cell reports*, 25(11), 3086.

Zhang J, et al. (2018) Species-Specific Deamidation of cGAS by Herpes Simplex Virus UL37 Protein Facilitates Viral Replication. *Cell host & microbe*, 24(2), 234.

Zemke NR, et al. (2017) The Adenovirus E1A C Terminus Suppresses a Delayed Antiviral Response and Modulates RAS Signaling. *Cell host & microbe*, 22(6), 789.

Meyerson NR, et al. (2017) Nuclear TRIM25 Specifically Targets Influenza Virus Ribonucleoproteins to Block the Onset of RNA Chain Elongation. *Cell host & microbe*, 22(5), 627.

Jin S, et al. (2017) Tetherin Suppresses Type I Interferon Signaling by Targeting MAVS for NDP52-Mediated Selective Autophagic Degradation in Human Cells. *Molecular cell*, 68(2), 308.

Nguyen TA, et al. (2017) SIDT2 Transports Extracellular dsRNA into the Cytoplasm for Innate Immune Recognition. *Immunity*, 47(3), 498.

Liu W, et al. (2017) Cyclophilin A-regulated ubiquitination is critical for RIG-I-mediated antiviral immune responses. *eLife*, 6.