Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 14, 2025

Anti-MB21D1 antibody produced in rabbit

RRID:AB_10601693 Type: Antibody

Proper Citation

(Sigma-Aldrich Cat# HPA031700, RRID:AB_10601693)

Antibody Information

URL: http://antibodyregistry.org/AB_10601693

Proper Citation: (Sigma-Aldrich Cat# HPA031700, RRID:AB_10601693)

Target Antigen: MB21D1 antibody produced in rabbit

Host Organism: rabbit

Clonality: polyclonal

Comments: Vendor recommendations: Other; Immunohistochemistry; Western Blot; immunohistochemistry (formalin-fixed, paraffin-embedded sections): suitable, protein array: suitable, immunoblotting: suitable

Antibody Name: Anti-MB21D1 antibody produced in rabbit

Description: This polyclonal targets MB21D1 antibody produced in rabbit

Target Organism: human

Antibody ID: AB_10601693

Vendor: Sigma-Aldrich

Catalog Number: HPA031700

Record Creation Time: 20231110T071319+0000

Record Last Update: 20241115T132856+0000

Ratings and Alerts

 Antibody validation available from The Human Protein Atlas - Human Protein Atlas https://www.proteinatlas.org/search/HPA031700

No alerts have been found for Anti-MB21D1 antibody produced in rabbit.

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 14 mentions in open access literature.

Listed below are recent publications. The full list is available at FDI Lab - SciCrunch.org.

Lv QM, et al. (2023) Cancer cell-autonomous cGAS-STING response confers drug resistance. Cell chemical biology, 30(6), 591.

Akiyama Y, et al. (2023) Th1/17 polarization and potential treatment by an anti-interferon-? DNA aptamer in Hunner-type interstitial cystitis. iScience, 26(11), 108262.

Willemsen J, et al. (2021) TNF leads to mtDNA release and cGAS/STING-dependent interferon responses that support inflammatory arthritis. Cell reports, 37(6), 109977.

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

Cui S, et al. (2020) Nuclear cGAS Functions Non-canonically to Enhance Antiviral Immunity via Recruiting Methyltransferase Prmt5. Cell reports, 33(10), 108490.

Zhao Z, et al. (2020) Mn2+ Directly Activates cGAS and Structural Analysis Suggests Mn2+ Induces a Noncanonical Catalytic Synthesis of 2'3'-cGAMP. Cell reports, 32(7), 108053.

Barnett KC, et al. (2019) Phosphoinositide Interactions Position cGAS at the Plasma Membrane to Ensure Efficient Distinction between Self- and Viral DNA. Cell, 176(6), 1432.

Riedl W, et al. (2019) Zika Virus NS3 Mimics a Cellular 14-3-3-Binding Motif to Antagonize RIG-I- and MDA5-Mediated Innate Immunity. Cell host & microbe, 26(4), 493.

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.

Dunphy G, et al. (2018) Non-canonical Activation of the DNA Sensing Adaptor STING by ATM and IFI16 Mediates NF-?B Signaling after Nuclear DNA Damage. Molecular cell, 71(5), 745.

Lahaye X, et al. (2018) NONO Detects the Nuclear HIV Capsid to Promote cGAS-Mediated Innate Immune Activation. Cell, 175(2), 488.

Huang ZF, et al. (2018) Human Cytomegalovirus Protein UL31 Inhibits DNA Sensing of cGAS to Mediate Immune Evasion. Cell host & microbe, 24(1), 69.

Wang C, et al. (2018) Manganese Increases the Sensitivity of the cGAS-STING Pathway for Double-Stranded DNA and Is Required for the Host Defense against DNA Viruses. Immunity, 48(4), 675.

Lum KK, et al. (2018) Interactome and Proteome Dynamics Uncover Immune Modulatory Associations of the Pathogen Sensing Factor cGAS. Cell systems, 7(6), 627.