Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 23, 2025

NLRP3 (D4D8T)

RRID:AB_2722591
Type: Antibody

Proper Citation

(Cell Signaling Technology Cat# 15101, RRID:AB_2722591)

Antibody Information

URL: http://antibodyregistry.org/AB_2722591

Proper Citation: (Cell Signaling Technology Cat# 15101, RRID:AB_2722591)

Target Antigen: NLRP3

Host Organism: rabbit

Clonality: monoclonal

Comments: Applications: W, IP

Antibody Name: NLRP3 (D4D8T)

Description: This monoclonal targets NLRP3

Target Organism: mouse, human

Clone ID: D4D8T

Antibody ID: AB_2722591

Vendor: Cell Signaling Technology

Catalog Number: 15101

Record Creation Time: 20231110T033720+0000

Record Last Update: 20240725T085740+0000

Ratings and Alerts

No rating or validation information has been found for NLRP3 (D4D8T).

No alerts have been found for NLRP3 (D4D8T).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 62 mentions in open access literature.

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

Wang R, et al. (2024) Kaempferol-3-O-sophoroside (PCS-1) contributes to modulation of depressive-like behaviour in C57BL/6J mice by activating AMPK. British journal of pharmacology, 181(8), 1182.

Huang CC, et al. (2024) Insulin Mediates Lipopolysaccharide-Induced Inflammatory Responses and Oxidative Stress in BV2 Microglia. Journal of inflammation research, 17, 7993.

Alabarse PG, et al. (2024) The NADase CD38 is a central regulator in gouty inflammation and a novel druggable therapeutic target. Inflammation research : official journal of the European Histamine Research Society ... [et al.].

Zhang S, et al. (2024) Chang-Kang-Fang alleviates diarrhea predominant irritable bowel syndrome (IBS-D) through inhibiting TLR4/NF-?B/NLRP3 pathway. Journal of ethnopharmacology, 330, 118236.

Yu T, et al. (2024) NLRP3 Cys126 palmitoylation by ZDHHC7 promotes inflammasome activation. Cell reports, 43(4), 114070.

Yang F, et al. (2024) GEFT inhibits the GSDM-mediated proptosis signalling pathway, promoting the progression and drug resistance of rhabdomyosarcoma. Cell death & disease, 15(11), 867.

Li F, et al. (2024) Lupenone improves motor dysfunction in spinal cord injury mice through inhibiting the inflammasome activation and pyroptosis in microglia via the nuclear factor kappa B pathway. Neural regeneration research, 19(8), 1802.

Shen J, et al. (2024) Semaphorin3C identified as mediator of neuroinflammation and microglia polarization after spinal cord injury. iScience, 27(5), 109649.

Zhao J, et al. (2024) AP39 through AMPK-ULK1-FUNDC1 pathway regulates mitophagy, inhibits pyroptosis, and improves doxorubicin-induced myocardial fibrosis. iScience, 27(4),

109321.

Huang J, et al. (2024) Edaravone dexborneol promotes M2 microglia polarization against lipopolysaccharide-induced inflammation via suppressing TLR4/MyD88/NF-?B pathway. Naunyn-Schmiedeberg's archives of pharmacology.

Liang Z, et al. (2024) Proximity proteomics reveals UCH-L1 as an essential regulator of NLRP3-mediated IL-1? production in human macrophages and microglia. Cell reports, 43(5), 114152.

Ha J, et al. (2024) SERTAD1 initiates NLRP3-mediated inflammasome activation through restricting NLRP3 polyubiquitination. Cell reports, 43(2), 113752.

Wang X, et al. (2024) TUDCA alleviates atherosclerosis by inhibiting AIM2 inflammasome and enhancing cholesterol efflux capacity in macrophage. iScience, 27(6), 109849.

Huang CX, et al. (2024) Pericancerous cross-presentation to cytotoxic T lymphocytes impairs immunotherapeutic efficacy in hepatocellular carcinoma. Cancer cell, 42(12), 2082.

Epstein AA, et al. (2024) Subventricular zone stem cell niche injury is associated with intestinal perforation in preterm infants and predicts future motor impairment. Cell stem cell, 31(4), 467.

Sun L, et al. (2024) Mitochondrial transplantation confers protection against the effects of ischemic stroke by repressing microglial pyroptosis and promoting neurogenesis. Neural regeneration research, 19(6), 1325.

Carey A, et al. (2024) Age-associated accumulation of B cells promotes macrophage inflammation and inhibits lipolysis in adipose tissue during sepsis. Cell reports, 43(3), 113967.

Ma MH, et al. (2023) Repurposing nitazoxanide as a novel anti-atherosclerotic drug based on mitochondrial uncoupling mechanisms. British journal of pharmacology, 180(1), 62.

Wang F, et al. (2023) A novel sorbicillinoid compound as a potent anti-inflammation agent through inducing NLRP3 protein degradation. British journal of pharmacology.

Devi S, et al. (2023) CARD-only proteins regulate in vivo inflammasome responses and ameliorate gout. Cell reports, 42(3), 112265.