

Resource Summary Report

Generated by [RRID](#) on Jul 29, 2026

AIF (D39D2) XP Rabbit mAb

RRID:AB_10634755

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 5318, RRID:AB_10634755

Antibody Information

URL: http://antibodyregistry.org/AB_10634755

Proper Citation: Cell Signaling Technology Cat# 5318, RRID:AB_10634755

Target Antigen: AIF

Host Organism: rabbit

Clonality: recombinant monoclonal

Comments: Applications: WB, IP, IF-F, IF-IC
Consolidation on 11/2018: AB_10634755, AB_10829762.

Antibody Name: AIF (D39D2) XP Rabbit mAb

Description: This recombinant monoclonal targets AIF

Target Organism: b, dg, rat, h, canine, m, mouse, r, bovine, human, mk

Clone ID: D39D2

Antibody ID: AB_10634755

Vendor: Cell Signaling Technology

Catalog Number: 5318

Record Creation Time: 20250819T232001+0000

Record Last Update: 20250820T050135+0000

Ratings and Alerts

No rating or validation information has been found for AIF (D39D2) XP Rabbit mAb.

No alerts have been found for AIF (D39D2) XP Rabbit mAb.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 20 mentions in open access literature.

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

Fukutsu K, et al. (2026) Acrolein Promotes Retinal Inflammation Through Macrophage Chemotaxis by Inducing CCL2 Production From Müller Cells. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 40(1), e71403.

Lai P, et al. (2025) Mitochondrial DNA released by senescent tumor cells enhances PMN-MDSC-driven immunosuppression through the cGAS-STING pathway. Immunity, 58(4), 811.

Ding Z, et al. (2025) MLKL activates the cGAS-STING pathway by releasing mitochondrial DNA upon necroptosis induction. Molecular cell, 85(13), 2610.

Hernandez M, et al. (2024) The Effects of Cathepsin B Inhibition in the Face of Diffuse Traumatic Brain Injury and Secondary Intracranial Pressure Elevation. Biomedicines, 12(7).

Schultz A, et al. (2024) Neuronal and glial cell alterations involved in the retinal degeneration of the familial dysautonomia optic neuropathy. Glia, 72(12), 2268.

Xu S, et al. (2024) Development of a PAK4-targeting PROTAC for renal carcinoma therapy: concurrent inhibition of cancer cell proliferation and enhancement of immune cell response. EBioMedicine, 104, 105162.

Shaiken TE, et al. (2023) Transcriptome, proteome, and protein synthesis within the intracellular cytomatrix. iScience, 26(2), 105965.

Fan Y, et al. (2023) Targeting LYPLAL1-mediated cGAS depalmitoylation enhances the response to anti-tumor immunotherapy. Molecular cell, 83(19), 3520.

Anderson AJ, et al. (2023) Human Tim8a, Tim8b and Tim13 are auxiliary assembly factors of mature Complex IV. EMBO reports, 24(8), e56430.

Kataura T, et al. (2022) Autophagy promotes cell survival by maintaining NAD levels. Developmental cell, 57(22), 2584.

Rostovskaya M, et al. (2022) Amniogenesis occurs in two independent waves in primates. Cell stem cell, 29(5), 744.

Li Z, et al. (2022) Hotspot ESR1 Mutations Are Multimodal and Contextual Modulators of Breast Cancer Metastasis. *Cancer research*, 82(7), 1321.

Rana N, et al. (2022) GSDMB is increased in IBD and regulates epithelial restitution/repair independent of pyroptosis. *Cell*, 185(2), 283.

Hernandez ML, et al. (2022) Cathepsin B Relocalization in Late Membrane Disrupted Neurons Following Diffuse Brain Injury in Rats. *ASN neuro*, 14, 17590914221099112.

Cabana VC, et al. (2021) RNF13 Dileucine Motif Variants L311S and L312P Interfere with Endosomal Localization and AP-3 Complex Association. *Cells*, 10(11).

Lin H, et al. (2021) Stanniocalcin 1 is a phagocytosis checkpoint driving tumor immune resistance. *Cancer cell*, 39(4), 480.

Bensimon A, et al. (2020) Targeted Degradation of SLC Transporters Reveals Amenability of Multi-Pass Transmembrane Proteins to Ligand-Induced Proteolysis. *Cell chemical biology*, 27(6), 728.

Linghu C, et al. (2020) Spatial Multiplexing of Fluorescent Reporters for Imaging Signaling Network Dynamics. *Cell*, 183(6), 1682.

Lin KH, et al. (2019) Systematic Dissection of the Metabolic-Apoptotic Interface in AML Reveals Heme Biosynthesis to Be a Regulator of Drug Sensitivity. *Cell metabolism*, 29(5), 1217.

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