Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 11, 2025

SCP-3 (D-1)

RRID:AB_2197353
Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-74569, RRID:AB_2197353)

Antibody Information

URL: http://antibodyregistry.org/AB_2197353

Proper Citation: (Santa Cruz Biotechnology Cat# sc-74569, RRID:AB_2197353)

Target Antigen: SCP-3 (D-1)

Host Organism: mouse

Clonality: monoclonal

Comments: validation status unknown check with seller; recommendations: WB, IP, IF, ELISA; Western Blot; ELISA; Immunoprecipitation; Immunofluorescence

Antibody Name: SCP-3 (D-1)

Description: This monoclonal targets SCP-3 (D-1)

Target Organism: rat, mouse, human

Antibody ID: AB_2197353

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-74569

Record Creation Time: 20231110T074235+0000

Record Last Update: 20241115T051136+0000

Ratings and Alerts

No rating or validation information has been found for SCP-3 (D-1).

No alerts have been found for SCP-3 (D-1).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 18 mentions in open access literature.

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

Cheng G, et al. (2024) High resolution maps of chromatin reorganization through mouse meiosis reveal novel features of the 3D meiotic structure. bioRxiv : the preprint server for biology.

Gao J, et al. (2024) TDRD1 phase separation drives intermitochondrial cement assembly to promote piRNA biogenesis and fertility. Developmental cell, 59(20), 2704.

Premkumar T, et al. (2023) Genetic dissection of crossover mutants defines discrete intermediates in mouse meiosis. Molecular cell, 83(16), 2941.

Min Z, et al. (2022) Chromodomain helicase DNA-binding domain 2 maintains spermatogonial self-renewal by promoting chromatin accessibility and mRNA stability. iScience, 25(12), 105552.

Cheng EC, et al. (2021) The Essential Function of SETDB1 in Homologous Chromosome Pairing and Synapsis during Meiosis. Cell reports, 34(1), 108575.

Pratto F, et al. (2021) Meiotic recombination mirrors patterns of germline replication in mice and humans. Cell, 184(16), 4251.

Liu C, et al. (2021) Paternal USP26 mutations raise Klinefelter syndrome risk in the offspring of mice and humans. The EMBO journal, 40(13), e106864.

Du M, et al. (2021) PPP2R1B is modulated by ubiquitination and is essential for spermatogenesis. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 35(5), e21564.

Dokshin GA, et al. (2020) GCNA Interacts with Spartan and Topoisomerase II to Regulate Genome Stability. Developmental cell, 52(1), 53.

Manti M, et al. (2020) Excess of ovarian nerve growth factor impairs embryonic development and causes reproductive and metabolic dysfunction in adult female mice. FASEB journal : official publication of the Federation of American Societies for Experimental Biology, 34(11),

14440.

Wells D, et al. (2020) ZCWPW1 is recruited to recombination hotspots by PRDM9 and is essential for meiotic double strand break repair. eLife, 9.

Hinch AG, et al. (2020) The Configuration of RPA, RAD51, and DMC1 Binding in Meiosis Reveals the Nature of Critical Recombination Intermediates. Molecular cell, 79(4), 689.

Papanikos F, et al. (2019) Mouse ANKRD31 Regulates Spatiotemporal Patterning of Meiotic Recombination Initiation and Ensures Recombination between X and Y Sex Chromosomes. Molecular cell, 74(5), 1069.

Bhattacharyya T, et al. (2019) Prdm9 and Meiotic Cohesin Proteins Cooperatively Promote DNA Double-Strand Break Formation in Mammalian Spermatocytes. Current biology : CB, 29(6), 1002.

Kojima ML, et al. (2019) Amplification of a broad transcriptional program by a common factor triggers the meiotic cell cycle in mice. eLife, 8.

Wang L, et al. (2018) Cisplatin-induced DNA double-strand breaks promote meiotic chromosome synapsis in PRDM9-controlled mouse hybrid sterility. eLife, 7.

Gregorova S, et al. (2018) Modulation of Prdm9-controlled meiotic chromosome asynapsis overrides hybrid sterility in mice. eLife, 7.

Zelazowski MJ, et al. (2017) Age-Dependent Alterations in Meiotic Recombination Cause Chromosome Segregation Errors in Spermatocytes. Cell, 171(3), 601.