

Resource Summary Report

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SCP1 antibody

RRID:AB_301636

Type: Antibody

Proper Citation

(Abcam Cat# ab15090, RRID:AB_301636)

Antibody Information

URL: http://antibodyregistry.org/AB_301636

Proper Citation: (Abcam Cat# ab15090, RRID:AB_301636)

Target Antigen: SCP1 antibody

Host Organism: rabbit

Clonality: polyclonal

Comments: validation status unknown, seller recommendations provided in 2012: ICC/IF, IHC-Fr, IHC-P; Immunohistochemistry - frozen; Immunocytochemistry; Immunofluorescence; Immunohistochemistry; Immunohistochemistry - fixed

Antibody Name: SCP1 antibody

Description: This polyclonal targets SCP1 antibody

Target Organism: mouse, human

Antibody ID: AB_301636

Vendor: Abcam

Catalog Number: ab15090

Record Creation Time: 20241016T233820+0000

Record Last Update: 20241017T010109+0000

Ratings and Alerts

No rating or validation information has been found for SCP1 antibody.

No alerts have been found for SCP1 antibody.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 21 mentions in open access literature.

Listed below are recent publications. The full list is available at [FDI Lab - SciCrunch.org](#).

Biot M, et al. (2024) Principles of chromosome organization for meiotic recombination. *Molecular cell*, 84(10), 1826.

Chotiner JY, et al. (2024) TRIP13 localizes to synapsed chromosomes and functions as a dosage-sensitive regulator of meiosis. *eLife*, 12.

Shao Q, et al. (2023) ATF7IP2, a meiosis-specific partner of SETDB1, is required for proper chromosome remodeling and crossover formation during spermatogenesis. *Cell reports*, 42(8), 112953.

Zhang Q, et al. (2022) Homozygous Variant in KASH5 Causes Premature Ovarian Insufficiency by Disordered Meiotic Homologous Pairing. *The Journal of clinical endocrinology and metabolism*, 107(9), 2589.

Pereira C, et al. (2022) Multiple 9-1-1 complexes promote homolog synapsis, DSB repair, and ATR signaling during mammalian meiosis. *eLife*, 11.

Tanno N, et al. (2022) FBXO47 is essential for preventing the synaptonemal complex from premature disassembly in mouse male meiosis. *iScience*, 25(4), 104008.

Liu R, et al. (2021) YTHDC2 is essential for pachytene progression and prevents aberrant microtubule-driven telomere clustering in male meiosis. *Cell reports*, 37(11), 110110.

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.

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

Imai Y, et al. (2020) PRDM9 activity depends on HELLS and promotes local 5-

hydroxymethylcytosine enrichment. *eLife*, 9.

Abe H, et al. (2020) The Initiation of Meiotic Sex Chromosome Inactivation Sequesters DNA Damage Signaling from Autosomes in Mouse Spermatogenesis. *Current biology : CB*, 30(3), 408.

Shang Y, et al. (2020) MEIOK21: a new component of meiotic recombination bridges required for spermatogenesis. *Nucleic acids research*, 48(12), 6624.

Huang T, et al. (2020) The histone modification reader ZCWPW1 links histone methylation to PRDM9-induced double-strand break repair. *eLife*, 9.

Takemoto K, et al. (2020) Meiosis-Specific C19orf57/4930432K21Rik/BRME1 Modulates Localization of RAD51 and DMC1 to DSBs in Mouse Meiotic Recombination. *Cell reports*, 31(8), 107686.

Ishiguro KI, et al. (2020) MEIOSIN Directs the Switch from Mitosis to Meiosis in Mammalian Germ Cells. *Developmental cell*, 52(4), 429.

Gray S, et al. (2020) Cyclin N-Terminal Domain-Containing-1 Coordinates Meiotic Crossover Formation with Cell-Cycle Progression in a Cyclin-Independent Manner. *Cell reports*, 32(1), 107858.

DiTroia SP, et al. (2019) Maternal vitamin C regulates reprogramming of DNA methylation and germline development. *Nature*, 573(7773), 271.

Biswas U, et al. (2018) SMC1[?] Substitutes for Many Meiotic Functions of SMC1[?] but Cannot Protect Telomeres from Damage. *Current biology : CB*, 28(2), 249.

Diagouraga B, et al. (2018) PRDM9 Methyltransferase Activity Is Essential for Meiotic DNA Double-Strand Break Formation at Its Binding Sites. *Molecular cell*, 69(5), 853.

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