

Resource Summary Report

Generated by [dkNET](#) on Aug 5, 2026

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: 20250820T040706+0000

Record Last Update: 20250820T180524+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 23 mentions in open access literature.

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

Yu X, et al. (2025) UBE2J2 is essential for the progression of meiosis prophase I during spermatogenesis in mice. *iScience*, 28(8), 112878.

Marshall KL, et al. (2025) Evolutionary innovations in germline biology of placental mammals identified by transcriptomics of first-wave spermatogenesis in opossum. *Developmental cell*, 60(4), 646.

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.

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

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.

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.

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

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.

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

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

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.

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

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.