Resource Summary Report

Generated by FDI Lab - SciCrunch.org on May 19, 2025

SmarcAL1 (E-12)

RRID:AB_10987841 Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-376377, RRID:AB_10987841)

Antibody Information

URL: http://antibodyregistry.org/AB_10987841

Proper Citation: (Santa Cruz Biotechnology Cat# sc-376377, RRID:AB_10987841)

Target Antigen: SmarcAL1 (E-12)

Host Organism: mouse

Clonality: monoclonal

Comments: Applications: WB, IP, IF, IHC(P), ELISA

Antibody Name: SmarcAL1 (E-12)

Description: This monoclonal targets SmarcAL1 (E-12)

Target Organism: human

Clone ID: A-2

Antibody ID: AB_10987841

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-376377

Record Creation Time: 20231110T062546+0000

Record Last Update: 20241114T235320+0000

Ratings and Alerts

No rating or validation information has been found for SmarcAL1 (E-12).

No alerts have been found for SmarcAL1 (E-12).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 19 mentions in open access literature.

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

Leuzzi G, et al. (2024) SMARCAL1 is a dual regulator of innate immune signaling and PD-L1 expression that promotes tumor immune evasion. Cell, 187(4), 861.

Hill BR, et al. (2024) Loss of POLE3-POLE4 unleashes replicative gap accumulation upon treatment with PARP inhibitors. Cell reports, 43(5), 114205.

Lim PX, et al. (2024) BRCA2 promotes genomic integrity and therapy resistance primarily through its role in homology-directed repair. Molecular cell, 84(3), 447.

Wang YC, et al. (2023) Arginine shortage induces replication stress and confers genotoxic resistance by inhibiting histone H4 translation and promoting PCNA ubiquitination. Cell reports, 42(4), 112296.

Leung W, et al. (2023) ATR protects ongoing and newly assembled DNA replication forks through distinct mechanisms. Cell reports, 42(7), 112792.

Bhowmick R, et al. (2022) RAD51 protects human cells from transcription-replication conflicts. Molecular cell, 82(18), 3366.

Hodson C, et al. (2022) Branchpoint translocation by fork remodelers as a general mechanism of R-loop removal. Cell reports, 41(10), 111749.

Jacobs K, et al. (2022) Stress-triggered hematopoietic stem cell proliferation relies on PrimPol-mediated repriming. Molecular cell, 82(21), 4176.

Townsend A, et al. (2021) DCAF14 promotes stalled fork stability to maintain genome integrity. Cell reports, 34(4), 108669.

Tirman S, et al. (2021) Temporally distinct post-replicative repair mechanisms fill PRIMPOLdependent ssDNA gaps in human cells. Molecular cell, 81(19), 4026. Tian T, et al. (2021) The ZATT-TOP2A-PICH Axis Drives Extensive Replication Fork Reversal to Promote Genome Stability. Molecular cell, 81(1), 198.

Taglialatela A, et al. (2021) REV1-Pol? maintains the viability of homologous recombinationdeficient cancer cells through mutagenic repair of PRIMPOL-dependent ssDNA gaps. Molecular cell, 81(19), 4008.

Nieminuszczy J, et al. (2019) EXD2 Protects Stressed Replication Forks and Is Required for Cell Viability in the Absence of BRCA1/2. Molecular cell, 75(3), 605.

Garzón J, et al. (2019) Human RIF1-Protein Phosphatase 1 Prevents Degradation and Breakage of Nascent DNA on Replication Stalling. Cell reports, 27(9), 2558.

Panier S, et al. (2019) SLX4IP Antagonizes Promiscuous BLM Activity during ALT Maintenance. Molecular cell, 76(1), 27.

Rai R, et al. (2019) The Replisome Mediates A-NHEJ Repair of Telomeres Lacking POT1-TPP1 Independently of MRN Function. Cell reports, 29(11), 3708.

Bowry A, et al. (2018) BET Inhibition Induces HEXIM1- and RAD51-Dependent Conflicts between Transcription and Replication. Cell reports, 25(8), 2061.

Billon P, et al. (2017) CRISPR-Mediated Base Editing Enables Efficient Disruption of Eukaryotic Genes through Induction of STOP Codons. Molecular cell, 67(6), 1068.

Taglialatela A, et al. (2017) Restoration of Replication Fork Stability in BRCA1- and BRCA2-Deficient Cells by Inactivation of SNF2-Family Fork Remodelers. Molecular cell, 68(2), 414.