

Resource Summary Report

Generated by [NIF](#) on Aug 23, 2026

SUZ12-human

RRID:AB_2196850

Type: Antibody

Proper Citation

Cell Signaling Technology Cat# 3737, RRID:AB_2196850

Antibody Information

URL: http://antibodyregistry.org/AB_2196850

Proper Citation: Cell Signaling Technology Cat# 3737, RRID:AB_2196850

Target Antigen: SUZ12

Host Organism: rabbit

Clonality: unknown

Comments: ENCODE PROJECT External validation DATA SET is released testing lot 4 for HepG2,endothelial cell of umbilical vein; status is awaiting lab characterization; The following antibodies were determined to be duplicates and consolidated by curator on 11/2018: AB_10330921, AB_10828723, AB_2196850, AB_2616021.

Info: Independent validation by the NYU Lagone was performed for: IHC. This antibody was found to have the following characteristics: Functional in human:TRUE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:FALSE

Antibody Name: SUZ12-human

Description: This unknown targets SUZ12

Target Organism: homo sapiens

Antibody ID: AB_2196850

Vendor: Cell Signaling Technology

Catalog Number: 3737

Alternative Catalog Numbers: ENCAB741YHG

Record Creation Time: 20250820T011126+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: 3 is available under ENCODE ID: ENCAB000BEB - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB000BEB>

No alerts have been found for SUZ12-human.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 82 mentions in open access literature.

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

Chennakesavalu M, et al. (2026) 5-hydroxymethylcytosine deposition mediates Polycomb repressive complex 2 function in MYCN-amplified neuroblastoma. iScience, 29(8), 116816.

Ingersoll S, et al. (2026) Self-clustering of three CBX2 molecules drives PRC2 to promote facultative heterochromatinization of Polycomb target genes. Molecular cell, 86(6), 1015.

Agius SC, et al. (2026) Accessory subunits of PRC2 mimic H3K27me3 to restrict the spread of Polycomb domains. Molecular cell, 86(6), 1032.

Kuser-Abali G, et al. (2026) Cytosolic EZH2-IMPDPH2 complexes regulate melanoma progression and metastasis via GTP. Molecular cell, 86(13), 2521.

Cheng R, et al. (2026) Fenofibrate potentiates the therapeutic efficacy of EZH2 inhibitors on melanoma via TRIM21- and OTUD4-mediated EZH2 ubiquitination. British journal of pharmacology, 183(11), 2675.

Much C, et al. (2025) Distinct specificity and functions of PRC2 subcomplexes in human stem cells and cardiac differentiation. Molecular cell, 85(16), 3057.

Ditzer N, et al. (2025) Epigenome profiling identifies H3K27me3 regulation of extracellular matrix composition in human corticogenesis. Neuron.

Žukauskaitė D, et al. (2025) Evaluating endometrial response to human chorionic gonadotropin: alterations in epigenetic regulation and extracellular vesicle cargo of endometrial stromal cells. Human reproduction open, 2025(3), hoaf051.

Tatarakis A, et al. (2025) Requirements for establishment and epigenetic stability of mammalian heterochromatin. Molecular cell, 85(18), 3388.

Huang T, et al. (2025) Inhibition of PRC2 enables self-renewal of blastoid-competent naive pluripotent stem cells from chimpanzee. *Cell stem cell*, 32(4), 627.

Trotman JB, et al. (2025) Isogenic comparison of Airn and Xist reveals core principles of Polycomb recruitment by lncRNAs. *Molecular cell*, 85(6), 1117.

Dong S, et al. (2025) RNA m6A dynamics promote transcription and RNA stability of bivalent genes during iPSC-induced generation of human lung progenitors. *Cell reports*, 44(6), 115802.

Zeng Y, et al. (2025) EZHIP restricts noncanonical PRC2 binding and regulates H3K27me3 intergenerational inheritance and reprogramming. *Cell stem cell*, 32(11), 1741.

Lagan E, et al. (2025) A specific form of cPRC1 containing CBX4 is co-opted to mediate oncogenic gene repression in diffuse midline glioma. *Molecular cell*, 85(11), 2110.

Inoki T, et al. (2025) N-acetyltransferase 10 promotes glioblastoma malignancy via mRNA stabilization of jumonji and AT-rich interaction domain containing 2. *The Journal of biological chemistry*, 301(6), 108544.

Pelzer N, et al. (2025) PHF19 drives the formation of PRC2 clusters to enhance motility in TNBC cells. *Cell reports*, 44(10), 116391.

Kim H, et al. (2024) MTOR modulation induces selective perturbations in histone methylation which influence the anti-proliferative effects of mTOR inhibitors. *iScience*, 27(3), 109188.

Arecco N, et al. (2024) Alternative splicing decouples local from global PRC2 activity. *Molecular cell*, 84(6), 1049.

Guo JK, et al. (2024) Denaturing purifications demonstrate that PRC2 and other widely reported chromatin proteins do not appear to bind directly to RNA in vivo. *Molecular cell*.

Zhang Y, et al. (2024) Metabolic switch regulates lineage plasticity and induces synthetic lethality in triple-negative breast cancer. *Cell metabolism*, 36(1), 193.