

# Resource Summary Report

Generated by [RRID](#) on Jul 30, 2026

## RNF2-human

RRID:AB\_10705604

Type: Antibody

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### Proper Citation

Cell Signaling Technology Cat# 5694, RRID:AB\_10705604

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### Antibody Information

**URL:** [http://antibodyregistry.org/AB\\_10705604](http://antibodyregistry.org/AB_10705604)

**Proper Citation:** Cell Signaling Technology Cat# 5694, RRID:AB\_10705604

**Target Antigen:** RNF2

**Host Organism:** rabbit

**Clonality:** monoclonal

**Comments:** ENCODE PROJECT External validation DATA SET is released testing lot 1 for MCF-7,HeLa-S3,IMR-90,GM12878,K562,heart,HepG2; status is pending dcc review,awaiting lab characterization; The following antibodies were determined to be duplicates and consolidated by curator on 11/2018: AB\_10705604, AB\_10706357, AB\_2616006.

**Antibody Name:** RNF2-human

**Description:** This monoclonal targets RNF2

**Target Organism:** homo sapiens

**Antibody ID:** AB\_10705604

**Vendor:** Cell Signaling Technology

**Catalog Number:** 5694

**Record Creation Time:** 20250819T231910+0000

**Record Last Update:** 20250820T045811+0000

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### Ratings and Alerts

- ENCODE PROJECT External validation for lot: 1 is available under ENCODE ID: ENCAB000BEA - ENCODE  
<https://www.encodeproject.org/antibodies/ENCAB000BEA>

No alerts have been found for RNF2-human.

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## Data and Source Information

**Source:** [Antibody Registry](#)

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## Usage and Citation Metrics

We found 35 mentions in open access literature.

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

Qiu S, et al. (2025) A pathological role of O-GlcNAcylation-driven TR11B production and function in lung adenocarcinoma. Developmental cell.

Bryan E, et al. (2025) Nucleosomal asymmetry shapes histone mark binding and promotes poising at bivalent domains. Molecular cell, 85(3), 471.

Guan S, et al. (2025) Protocol for visualizing the chromatin assembly properties of epigenetic protein complexes via an HTM module-mediated artificial tethering system. STAR protocols, 6(1), 103597.

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

Gordon J, et al. (2025) PELP1 coordinates the modular assembly and enzymatic activity of the rixosome complex. Science advances, 11(30), eadw4603.

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

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.

Guan S, et al. (2024) CBX7C???PHC2 interaction facilitates PRC1 assembly and modulates its phase separation properties. iScience, 27(4), 109548.

Wu T, et al. (2024) METTL3-mediated m6A modification regulates the polycomb repressive complex 1 (PRC1) components BMI1 and RNF2 in hepatocellular carcinoma cells. Molecular cancer research : MCR.

Arends T, et al. (2024) DUX4-induced HSATII transcription causes KDM2A/B-PRC1 nuclear foci and impairs DNA damage response. The Journal of cell biology, 223(5).

Wang H, et al. (2024) The E3 ubiquitin ligase RNF220 maintains hindbrain Hox expression patterns through regulation of WDR5 stability. *eLife*, 13.

Rivard RS, et al. (2024) Improved detection of DNA replication fork-associated proteins. *Cell reports*, 43(5), 114178.

Niekamp S, et al. (2024) Modularity of PRC1 composition and chromatin interaction define condensate properties. *Molecular cell*, 84(9), 1651.

LaBella KA, et al. (2024) Telomere dysfunction alters intestinal stem cell dynamics to promote cancer. *Developmental cell*, 59(11), 1475.

Flury V, et al. (2023) Recycling of modified H2A-H2B provides short-term memory of chromatin states. *Cell*, 186(5), 1050.

Hazawa M, et al. (2023) Super-enhancer trapping by the nuclear pore via intrinsically disordered regions of proteins in squamous cell carcinoma cells. *Cell chemical biology*.

Bracerors AK, et al. (2023) Proximity-dependent recruitment of Polycomb repressive complexes by the lncRNA Airn. *Cell reports*, 42(7), 112803.

Hickey GJ, et al. (2022) Establishment of developmental gene silencing by ordered polycomb complex recruitment in early zebrafish embryos. *eLife*, 11.

Fitieh A, et al. (2022) BMI-1 regulates DNA end resection and homologous recombination repair. *Cell reports*, 38(12), 110536.

Drosos Y, et al. (2022) NSD1 mediates antagonism between SWI/SNF and polycomb complexes and is required for transcriptional activation upon EZH2 inhibition. *Molecular cell*, 82(13), 2472.