

Resource Summary Report

Generated by [RRID](#) on May 15, 2025

Rabbit Anti-CTCF Polyclonal antibody, Unconjugated, Clone Not applicable

RRID:AB_441965

Type: Antibody

Proper Citation

(Millipore Cat# 07-729, RRID:AB_441965)

Antibody Information

URL: http://antibodyregistry.org/AB_441965

Proper Citation: (Millipore Cat# 07-729, RRID:AB_441965)

Target Antigen: CTCF

Host Organism: rabbit

Clonality: polyclonal

Comments: seller recommendations: Immunoprecipitation; Western Blot; Western Blotting,Chromatin Immunoprecipitation

Antibody Name: Rabbit Anti-CTCF Polyclonal antibody, Unconjugated, Clone Not applicable

Description: This polyclonal targets CTCF

Defining Citation: [PMID:25283985](#)

Antibody ID: AB_441965

Vendor: Millipore

Catalog Number: 07-729

Record Creation Time: 20231110T044517+0000

Record Last Update: 20241115T083602+0000

Ratings and Alerts

- ENCODE PROJECT External validation for lot: DAM1745366 is available under ENCODE ID: ENCAB000AXU - ENCODE
<https://www.encodeproject.org/antibodies/ENCAB000AXU>

No alerts have been found for Rabbit Anti-CTCF Polyclonal antibody, Unconjugated, Clone Not applicable.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 67 mentions in open access literature.

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

Aboreden NG, et al. (2025) LDB1 establishes multi-enhancer networks to regulate gene expression. *Molecular cell*, 85(2), 376.

Del Vecchio A, et al. (2024) PCGF6 controls murine Tuft cell differentiation via H3K9me2 modification independently of Polycomb repression. *Developmental cell*, 59(3), 368.

Ubieto-Capella P, et al. (2024) A rewiring of DNA replication mediated by MRE11 exonuclease underlies primed-to-naive cell de-differentiation. *Cell reports*, 43(4), 114024.

Titus KR, et al. (2024) Cell-type-specific loops linked to RNA polymerase II elongation in human neural differentiation. *Cell genomics*, 4(8), 100606.

Liu C, et al. (2024) A CTCF-binding site in the Mdm1-Il22-Ifng locus shapes cytokine expression profiles and plays a critical role in early Th1 cell fate specification. *Immunity*, 57(5), 1005.

Sun D, et al. (2024) SETDB1 regulates short interspersed nuclear elements and chromatin loop organization in mouse neural precursor cells. *Genome biology*, 25(1), 175.

Refaat AM, et al. (2023) HNRNPU facilitates antibody class-switch recombination through C-NHEJ promotion and R-loop suppression. *Cell reports*, 42(3), 112284.

Quon S, et al. (2023) DNA architectural protein CTCF facilitates subset-specific chromatin interactions to limit the formation of memory CD8⁺ T cells. *Immunity*, 56(5), 959.

Marina-Zárate E, et al. (2023) Low-affinity CTCF binding drives transcriptional regulation whereas high-affinity binding encompasses architectural functions. *iScience*, 26(3), 106106.

Bomber ML, et al. (2023) Human SMARCA5 is continuously required to maintain nucleosome spacing. *Molecular cell*, 83(4), 507.

Chandra A, et al. (2023) Quantitative control of Ets1 dosage by a multi-enhancer hub promotes Th1 cell differentiation and protects from allergic inflammation. *Immunity*, 56(7), 1451.

Bilkis R, et al. (2023) The CSB chromatin remodeler regulates PARP1- and PARP2-mediated single-strand break repair at actively transcribed DNA regions. *Nucleic acids research*, 51(14), 7342.

Malachowski T, et al. (2023) Spatially coordinated heterochromatinization of long synaptic genes in fragile X syndrome. *Cell*, 186(26), 5840.

Carcamo S, et al. (2022) Altered BAF occupancy and transcription factor dynamics in PBAF-deficient melanoma. *Cell reports*, 39(1), 110637.

Wang W, et al. (2022) TCF-1 promotes chromatin interactions across topologically associating domains in T cell progenitors. *Nature immunology*, 23(7), 1052.

Zhou Y, et al. (2022) EBF1 nuclear repositioning instructs chromatin refolding to promote therapy resistance in T leukemic cells. *Molecular cell*, 82(5), 1003.

Lian BSX, et al. (2022) Regulation of Il6 expression by single CpG methylation in downstream of Il6 transcription initiation site. *iScience*, 25(4), 104118.

Zhou R, et al. (2022) CTCF DNA-binding domain undergoes dynamic and selective protein-protein interactions. *iScience*, 25(9), 105011.

Closser M, et al. (2022) An expansion of the non-coding genome and its regulatory potential underlies vertebrate neuronal diversity. *Neuron*, 110(1), 70.

Tsai JW, et al. (2022) FOXR2 Is an Epigenetically Regulated Pan-Cancer Oncogene That Activates ETS Transcriptional Circuits. *Cancer research*, 82(17), 2980.