

Resource Summary Report

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Rabbit anti-BRD4 Antibody, Affinity Purified

RRID:AB_1576498

Type: Antibody

Proper Citation

Bethyl Cat# A301-985A, RRID:AB_1576498

Antibody Information

URL: http://antibodyregistry.org/AB_1576498

Proper Citation: Bethyl Cat# A301-985A, RRID:AB_1576498

Target Antigen: BRD4

Host Organism: rabbit

Clonality: polyclonal

Comments: Applications: WB, IP, IHC

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:TRUE, NonFunctional in animal:FALSE

Antibody Name: Rabbit anti-BRD4 Antibody, Affinity Purified

Description: This polyclonal targets BRD4

Target Organism: mouse, human

Antibody ID: AB_1576498

Vendor: Bethyl

Catalog Number: A301-985A

Alternative Catalog Numbers: A301-985A-M

Record Creation Time: 20250819T222040+0000

Record Last Update: 20250820T015327+0000

Ratings and Alerts

- 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:TRUE, NonFunctional in animal:FALSE - NYU Langone's Center for Biospecimen Research and Development <https://med.nyu.edu/research/scientific-cores-shared-resources/center-biospecimen-research-development>

No alerts have been found for Rabbit anti-BRD4 Antibody, Affinity Purified.

Data and Source Information

Source: [Antibody Registry](#)

Usage and Citation Metrics

We found 17 mentions in open access literature.

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

Wala J, et al. (2025) Recurrent breakpoints in the BRD4 locus reduce toxicity associated with gene amplification. *Cell genomics*, 5(4), 100815.

Hiltunen J, et al. (2025) Androgen receptor-mediated assisted loading of the glucocorticoid receptor modulates transcriptional responses in prostate cancer cells. *Genome research*, 35(8), 1717.

Herron RS, et al. (2023) A twin UGUA motif directs the balance between gene isoforms through CFIm and the mTORC1 signaling pathway. *eLife*, 12.

Bray D, et al. (2022) CASCADE: high-throughput characterization of regulatory complex binding altered by non-coding variants. *Cell genomics*, 2(2).

Vannam R, et al. (2021) Targeted degradation of the enhancer lysine acetyltransferases CBP and p300. *Cell chemical biology*, 28(4), 503.

Chen J, et al. (2021) Targeted Therapy of TERT-Rearranged Neuroblastoma with BET Bromodomain Inhibitor and Proteasome Inhibitor Combination Therapy. *Clinical cancer research : an official journal of the American Association for Cancer Research*, 27(5), 1438.

Kim CR, et al. (2020) PHF7 Modulates BRDT Stability and Histone-to-Protamine Exchange during Spermiogenesis. *Cell reports*, 32(4), 107950.

Shu S, et al. (2020) Synthetic Lethal and Resistance Interactions with BET Bromodomain Inhibitors in Triple-Negative Breast Cancer. *Molecular cell*, 78(6), 1096.

Behera V, et al. (2019) Interrogating Histone Acetylation and BRD4 as Mitotic Bookmarks of Transcription. *Cell reports*, 27(2), 400.

Williams RM, et al. (2019) Reconstruction of the Global Neural Crest Gene Regulatory Network In Vivo. *Developmental cell*, 51(2), 255.

Lambert JP, et al. (2019) Interactome Rewiring Following Pharmacological Targeting of BET Bromodomains. *Molecular cell*, 73(3), 621.

Chen LF, et al. (2019) Enhancer Histone Acetylation Modulates Transcriptional Bursting Dynamics of Neuronal Activity-Inducible Genes. *Cell reports*, 26(5), 1174.

Cho SW, et al. (2018) Promoter of lncRNA Gene PVT1 Is a Tumor-Suppressor DNA Boundary Element. *Cell*, 173(6), 1398.

Nakagawa M, et al. (2018) Targeting the HTLV-I-Regulated BATF3/IRF4 Transcriptional Network in Adult T Cell Leukemia/Lymphoma. *Cancer cell*, 34(2), 286.

Alfonso-Dunn R, et al. (2017) Transcriptional Elongation of HSV Immediate Early Genes by the Super Elongation Complex Drives Lytic Infection and Reactivation from Latency. *Cell host & microbe*, 21(4), 507.

Aldiri I, et al. (2017) The Dynamic Epigenetic Landscape of the Retina During Development, Reprogramming, and Tumorigenesis. *Neuron*, 94(3), 550.

Liu X, et al. (2017) In Situ Capture of Chromatin Interactions by Biotinylated dCas9. *Cell*, 170(5), 1028.