Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 7, 2025

AR (N-20)

RRID:AB_1563391
Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-816, RRID:AB_1563391)

Antibody Information

URL: http://antibodyregistry.org/AB_1563391

Proper Citation: (Santa Cruz Biotechnology Cat# sc-816, RRID:AB_1563391)

Target Antigen: AR (N-20)

Host Organism: rabbit

Clonality: polyclonal

Comments: Discontinued: 2016; validation status unknown check with seller; recommendations: WB, IP, IF, IHC(P), ELISA; Immunofluorescence; Immunohistochemistry; Western Blot; ELISA

Antibody Name: AR (N-20)

Description: This polyclonal targets AR (N-20)

Target Organism: rat, mouse, human

Defining Citation: PMID:18393295

Antibody ID: AB_1563391

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-816

Record Creation Time: 20241017T003147+0000

Record Last Update: 20241017T021927+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

Warning: Discontinued: 2016
Discontinued: 2016; validation status unknown check with seller; recommendations: WB, IP, IF, IHC(P), ELISA; Immunofluorescence; Immunohistochemistry; Western Blot; ELISA

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 78 mentions in open access literature.

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

Xu Y, et al. (2024) ZNF397 Deficiency Triggers TET2-Driven Lineage Plasticity and AR-Targeted Therapy Resistance in Prostate Cancer. Cancer discovery, 14(8), 1496.

Hosseinzadeh L, et al. (2024) The androgen receptor interacts with GATA3 to transcriptionally regulate a luminal epithelial cell phenotype in breast cancer. Genome biology, 25(1), 44.

Deminami M, et al. (2024) Androgens suppress the sialyltransferases ST3GAL1 and ST3GAL4 and modulate mucin 10 glycosylation in the submandibular gland, related to sex differences in commensal microbiota composition in mice. Bioscience, biotechnology, and biochemistry.

Loers G, et al. (2023) The Interactions of the 70 kDa Fragment of Cell Adhesion Molecule L1 with Topoisomerase 1, Peroxisome Proliferator-Activated Receptor ? and NADH Dehydrogenase (Ubiquinone) Flavoprotein 2 Are Involved in Gene Expression and Neuronal L1-Dependent Functions. International journal of molecular sciences, 24(3).

Wang H, et al. (2023) Antiandrogen treatment induces stromal cell reprogramming to promote castration resistance in prostate cancer. Cancer cell, 41(7), 1345.

Dhital B, et al. (2023) Harnessing transcriptionally driven chromosomal instability adaptation to target therapy-refractory lethal prostate cancer. Cell reports. Medicine, 4(2), 100937.

Kleene R, et al. (2023) The KDET Motif in the Intracellular Domain of the Cell Adhesion Molecule L1 Interacts with Several Nuclear, Cytoplasmic, and Mitochondrial Proteins Essential for Neuronal Functions. International journal of molecular sciences, 24(2).

Basil P, et al. (2022) Cistrome and transcriptome analysis identifies unique androgen receptor (AR) and AR-V7 splice variant chromatin binding and transcriptional activities. Scientific reports, 12(1), 5351.

Wei X, et al. (2022) Ablating Lgr5-expressing prostatic stromal cells activates the ERK-mediated mechanosensory signaling and disrupts prostate tissue homeostasis. Cell reports, 40(10), 111313.

Unterberger CJ, et al. (2022) GH Action in Prostate Cancer Cells Promotes Proliferation, Limits Apoptosis, and Regulates Cancer-related Gene Expression. Endocrinology, 163(5).

Harada N, et al. (2022) Androgen receptor suppresses ?-adrenoceptor-mediated CREB activation and thermogenesis in brown adipose tissue of male mice. The Journal of biological chemistry, 298(12), 102619.

Jillson LK, et al. (2021) MAP3K7 Loss Drives Enhanced Androgen Signaling and Independently Confers Risk of Recurrence in Prostate Cancer with Joint Loss of CHD1. Molecular cancer research : MCR, 19(7), 1123.

Pearson JD, et al. (2021) Binary pan-cancer classes with distinct vulnerabilities defined by pro- or anti-cancer YAP/TEAD activity. Cancer cell, 39(8), 1115.

Gillis JL, et al. (2021) A feedback loop between the androgen receptor and 6-phosphogluconate dehydrogenase (6PGD) drives prostate cancer growth. eLife, 10.

Wei J, et al. (2021) Bidirectional Cross-talk between MAOA and AR Promotes Hormone-Dependent and Castration-Resistant Prostate Cancer. Cancer research, 81(16), 4275.

Islam MN, et al. (2021) Androgen Affects the Inhibitory Avoidance Memory by Primarily Acting on Androgen Receptor in the Brain in Adolescent Male Rats. Brain sciences, 11(2).

Yokoyama A, et al. (2021) Identification and Functional Characterization of a Novel Androgen Receptor Coregulator, EAP1. Journal of the Endocrine Society, 5(11), bvab150.

Heinrich A, et al. (2021) Cdc42 activity in Sertoli cells is essential for maintenance of spermatogenesis. Cell reports, 37(4), 109885.

Richters A, et al. (2021) Modulating Androgen Receptor-Driven Transcription in Prostate Cancer with Selective CDK9 Inhibitors. Cell chemical biology, 28(2), 134.

Aksoy O, et al. (2021) Thyroid and androgen receptor signaling are antagonized by ?-Crystallin in prostate cancer. International journal of cancer, 148(3), 731.