Resource Summary Report

Generated by FDI Lab - SciCrunch.org on Apr 27, 2025

AR (441)

RRID:AB_626671
Type: Antibody

Proper Citation

(Santa Cruz Biotechnology Cat# sc-7305, RRID:AB_626671)

Antibody Information

URL: http://antibodyregistry.org/AB_626671

Proper Citation: (Santa Cruz Biotechnology Cat# sc-7305, RRID:AB_626671)

Target Antigen: AR (441)

Host Organism: mouse

Clonality: monoclonal

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

Antibody Name: AR (441)

Description: This monoclonal targets AR (441)

Target Organism: human

Antibody ID: AB_626671

Vendor: Santa Cruz Biotechnology

Catalog Number: sc-7305

Record Creation Time: 20241017T000515+0000

Record Last Update: 20241017T014011+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:FALSE, NonFunctional in human:FALSE, Functional in animal:FALSE, NonFunctional in animal:TRUE - 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 AR (441).

Data and Source Information

Source: Antibody Registry

Usage and Citation Metrics

We found 24 mentions in open access literature.

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

Osei-Ntansah A, et al. (2024) Liver Androgen Receptor Knockout Improved High-fat Diet Induced Glucose Dysregulation in Female Mice But Not Male Mice. Journal of the Endocrine Society, 8(4), bvae021.

Zhang D, et al. (2024) Discovery of a peptide proteolysis-targeting chimera (PROTAC) drug of p300 for prostate cancer therapy. EBioMedicine, 105, 105212.

Chen L, et al. (2023) Hormone-induced enhancer assembly requires an optimal level of hormone receptor multivalent interactions. Molecular cell, 83(19), 3438.

Piol D, et al. (2023) Antagonistic effect of cyclin-dependent kinases and a calcium-dependent phosphatase on polyglutamine-expanded androgen receptor toxic gain of function. Science advances, 9(1), eade1694.

Pan M, et al. (2023) Identification of an Imidazopyridine-based Compound as an Oral Selective Estrogen Receptor Degrader for Breast Cancer Therapy. Cancer research communications, 3(7), 1378.

Ghildiyal R, et al. (2022) Loss of Long Noncoding RNA NXTAR in Prostate Cancer Augments Androgen Receptor Expression and Enzalutamide Resistance. Cancer research, 82(1), 155.

Dufour CR, et al. (2022) The mTOR chromatin-bound interactome in prostate cancer. Cell reports, 38(12), 110534.

Gao L, et al. (2022) Androgens improve ovarian follicle function impaired by glucocorticoids

through an androgen-IGF1-FSH synergistic effect. Frontiers in endocrinology, 13, 951928.

Kuznik NC, et al. (2022) A chemical probe for BAG1 targets androgen receptor-positive prostate cancer through oxidative stress signaling pathway. iScience, 25(5), 104175.

Hou Z, et al. (2022) Inhibiting 3?HSD1 to eliminate the oncogenic effects of progesterone in prostate cancer. Cell reports. Medicine, 3(3), 100561.

Dard R, et al. (2021) DYRK1A Overexpression in Mice Downregulates the Gonadotropic Axis and Disturbs Early Stages of Spermatogenesis. Genes, 12(11).

Hanasoge Somasundara AV, et al. (2021) Parity-induced changes to mammary epithelial cells control NKT cell expansion and mammary oncogenesis. Cell reports, 37(10), 110099.

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

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

Oliver E, et al. (2021) Self-organising human gonads generated by a Matrigel-based gradient system. BMC biology, 19(1), 212.

Hong Z, et al. (2020) DNA Damage Promotes TMPRSS2-ERG Oncoprotein Destruction and Prostate Cancer Suppression via Signaling Converged by GSK3? and WEE1. Molecular cell, 79(6), 1008.

Lafront C, et al. (2020) A Systematic Study of the Impact of Estrogens and Selective Estrogen Receptor Modulators on Prostate Cancer Cell Proliferation. Scientific reports, 10(1), 4024.

Wang R, et al. (2019) Establishment and characterization of a prostate cancer cell line from a prostatectomy specimen for the study of cellular interaction. International journal of cancer, 145(8), 2249.

Lee GT, et al. (2019) Dihydrotestosterone Increases Cytotoxic Activity of Macrophages on Prostate Cancer Cells via TRAIL. Endocrinology, 160(9), 2049.

Cato L, et al. (2019) ARv7 Represses Tumor-Suppressor Genes in Castration-Resistant Prostate Cancer. Cancer cell, 35(3), 401.