

Rabbit anti-Human Androgen receptor Polyclonal Antibody | anti-AR antibody

Anti-Androgen receptor Antibody, Rabbit Polyclonal

CATALOG # AAA256953	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry
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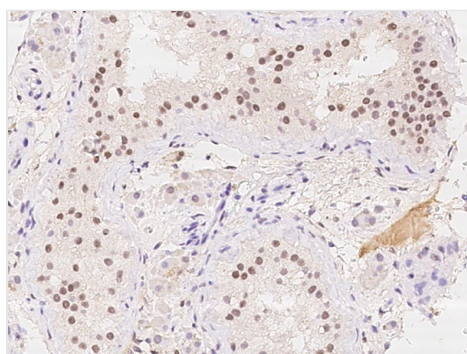
PRODUCT SYNONYMS

Androgen receptor; Polyclonal Antibody; Anti-Androgen receptor Antibody; Rabbit Polyclonal; Androgen receptor Antibody; Rabbit PAb; Antigen Affinity Purified; androgen receptor; Anti-AIS Antibody; Anti-DHTR Antibody; Anti-HUMARA Antibody; Anti-HYSP1 Antibody; Anti-KD Antibody; Anti-NR3C4 Antibody; Anti-SBMA Antibody; Anti-SMAX1 Antibody; Anti-TFM Antibody; anti-AR antibody

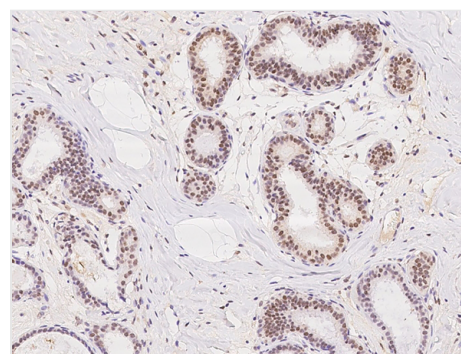
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	Rabbit IgG
Specificity	Human Androgen receptor
Purity/Purification	Protein A & Antigen Affinity
Form/Format	Liquid; PBS, pH7.0 with 0.03% Proclin300
Applicable Applications for anti-AR antibody	IHC (Immunohistochemistry)
Immunogen	E Coli-derived Human Androgen receptor fragment
Conjugation	Unconjugated
Preparation	Produced in rabbits immunized with E Coli-derived Human Androgen receptor fragment, and purified by antigen affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Avoid repeated freeze-thaw cycles.

IMAGES


IHC (Immunohistochemistry)

Immunochemical staining of human Androgen receptor in human testis with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.


IHC (Immunohistochemistry)

Immunochemical staining of human Androgen receptor in human breast with rabbit polyclonal antibody at 1:100 dilution, formalin-fixed paraffin embedded sections.

ADDITIONAL INFORMATION

Related Product Information for anti-AR antibody	The androgen receptor gene is more than 9 kb long and codes for a protein that has 3 major functional domains: the N-terminal domain, DNA-binding domain, and androgen-binding domain. The protein functions as a steroid-hormone activated transcription factor. Upon binding the hormone ligand, the receptor dissociates from accessory proteins, translocates into the nucleus, dimerizes, and then stimulates transcription of androgen responsive genes. This gene contains 2 polymorphic trinucleotide repeat segments that encode polyglutamine and polyglycine tracts in the N-terminal transactivation domain of its protein. Expansion of the polyglutamine tract from the normal 9-34 repeats to the pathogenic 38-62 repeats causes spinal bulbar muscular atrophy (Kennedy disease). Mutations in this gene are also associated with complete androgen insensitivity (CAIS). Two alternatively spliced variants encoding distinct isoforms have been described.
Product Categories/Family for anti-AR antibody	Cancer Drug Targets
References	Fajardo AM, MacKenzie DA, Olguin SL, Scariano JK, Rabinowitz I, Thompson TA. Antioxidants Abrogate Alpha-Tocopherylquinone-Mediated Down-Regulation of the Androgen Receptor in Androgen-Responsive Prostate Cancer Cells. Languino LR, ed. PLoS ONE. 2016;11(3):e0151525.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/androgen-receptor-antibody-immunohistochemistry-elisa/256953>