

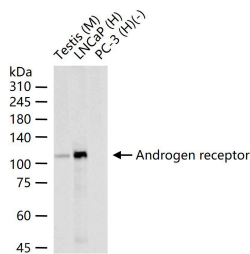
Anti-Androgen receptor Polyclonal Antibody

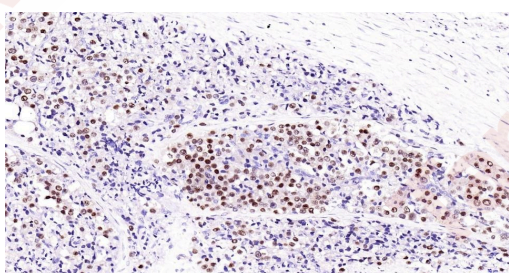
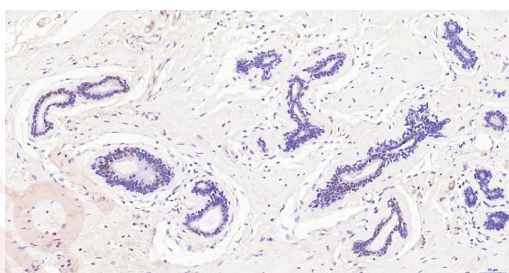
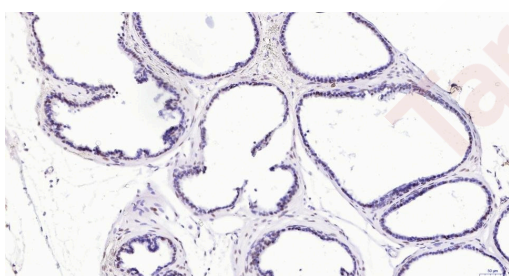
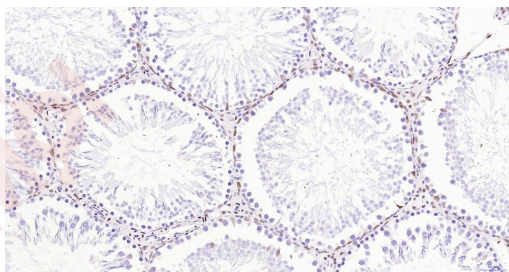
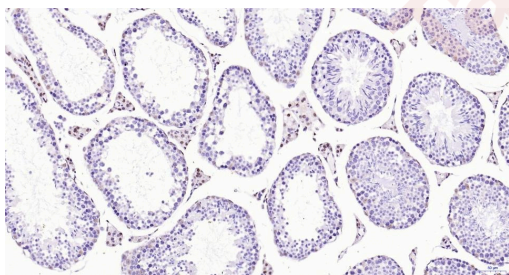
Product Details

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|-------------------|---|
| Ig Type: | IgG |
| Reactivity: | Human,Mouse,Rat |
| Molecular Weight: | Theoretical: 43/101 kDa. Actual: 108 kDa. |
| Purification: | Protein A purified |

Applications

1. 25 µg total protein per Lane of various lysates probed with Androgen receptor polyclonal antibody, unconjugated (TMAB-00117) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.
2. Paraformaldehyde-fixed, paraffin embedded Mouse Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with AR/Androgen Receptor Polyclonal Antibody, Unconjugated (TMAB-00117) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
3. Paraformaldehyde-fixed, paraffin embedded Rat Testicles; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with AR/Androgen Receptor Polyclonal Antibody, Unconjugated (TMAB-00117) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
4. Paraformaldehyde-fixed, paraffin embedded Mouse Prostate; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with AR/Androgen Receptor Polyclonal Antibody, Unconjugated (TMAB-00117) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
5. Paraformaldehyde-fixed, paraffin embedded Human Breast; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with AR/Androgen Receptor Polyclonal Antibody, Unconjugated (TMAB-00117) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.
6. Paraformaldehyde-fixed, paraffin embedded Human Prostate Tumor; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with AR/Androgen Receptor Polyclonal Antibody, Unconjugated (TMAB-00117) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.





Application: IF,IHC-Fr,IHC-P,WB

Recommended WB: 1:500-2000; IHC-P: 1:50-200; IHC-Fr: 1:50-200; IF: 1:50-200

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.

Shipping: Shipping with blue ice.

Antigen Details

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|------------------|--|
| Immunogen: | KLH conjugated synthetic peptide: human Androgen receptor isoform 2 |
| Antigen Species: | Human |
| Gene ID: | 367 |
| Uniprot ID: | P10275 |
| Synonyms: | DHTR;Androgen receptor;Nuclear receptor subfamily 3 group C member 4;Dihydrotestosterone receptor;AR;NR3C4 |

Research Background

The androgen receptor gene is more than 90 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 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. [provided by RefSeq, Jul 2008]

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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