

## Rabbit AR Polyclonal Antibody | anti-AR antibody

AR (Acetyl Lys633) Polyclonal Antibody

|                               |                       |                                        |                                     |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|
| CATALOG #<br><b>AAA293504</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|-------------------------------------|

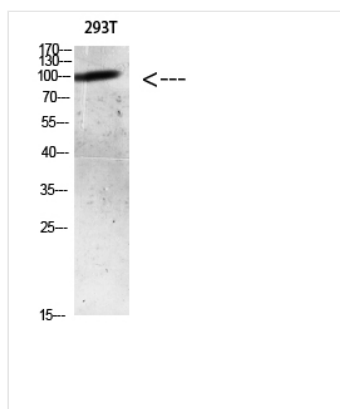
### PRODUCT SYNONYMS

AR; Polyclonal Antibody; AR (Acetyl Lys633) Polyclonal Antibody; Androgen receptor (Dihydrotestosterone receptor)(Nuclear receptor subfamily 3 group C member 4); anti-AR antibody

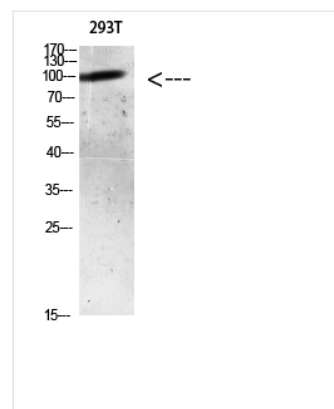
### PRODUCT SPECIFICATIONS

|                                              |                                                                                                                                                       |
|----------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                         | Rabbit                                                                                                                                                |
| Reactivity                                   | Human, Mouse, Rat                                                                                                                                     |
| Clonality                                    | Polyclonal                                                                                                                                            |
| Applicable Applications for anti-AR antibody | WB (Western Blot)                                                                                                                                     |
| Preparation and Storage                      | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles. |

### IMAGES



WB (Western Blot)  
Dilution: WB 1:500-2000, ELISA 1:10000-20000



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### ADDITIONAL INFORMATION

#### Related Product Information for anti-AR antibody

Steroid hormone receptors are ligand-activated transcription factors that regulate eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Transcription factor activity is modulated by bound coactivator and corepressor proteins like ZBTB7A that recruits NCOR1 and NCOR2 to the androgen response elements/ARE on target genes, negatively regulating androgen receptor signaling and androgen-induced cell proliferation (PubMed:20812024). Transcription activation is also down-regulated by NR0B2. Activated, but not phosphorylated, by HIPK3 and ZIPK/DAPK3.

### NCBI AND UNIPROT INFORMATION

|           |          |
|-----------|----------|
| NCBI GI # | 21322252 |
|-----------|----------|

|                                  |                                                                                                                                     |
|----------------------------------|-------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GeneID                      | 367                                                                                                                                 |
| NCBI Accession #                 | NP_000035.2                                                                                                                         |
| NCBI GenBank Nucleotide #        | NM_000044.3                                                                                                                         |
| UniProt Accession #              | P10275; Q9UD95; A2RUN2; B1AKD7                                                                                                      |
| Molecular Weight                 | 98,989 Da                                                                                                                           |
| NCBI Official Full Name          | androgen receptor isoform 1                                                                                                         |
| NCBI Official Synonym Full Names | androgen receptor                                                                                                                   |
| NCBI Official Symbol             | AR                                                                                                                                  |
| NCBI Official Synonym Symbols    | KD; AIS; TFM; DHTR; SBMA; HYSPI; NR3C4; SMAX1; HUMARA                                                                               |
| NCBI Protein Information         | androgen receptor; dihydrotestosterone receptor; androgen nuclear receptor variant 2; nuclear receptor subfamily 3 group C member 4 |
| UniProt Protein Name             | Androgen receptor                                                                                                                   |
| UniProt Gene Name                | AR                                                                                                                                  |
| UniProt Synonym Gene Names       | DHTR; NR3C4                                                                                                                         |
| UniProt Entry Name               | ANDR_HUMAN                                                                                                                          |

**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://stage.aaabiotech.com/polyclonal/ar-antibody-western-blot-elisa/293504>