

Rabbit AR Polyclonal Antibody | anti-AR antibody

Phospho-AR (Ser792) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA329895	Rabbit	Human, Mouse, Rat	ELISA, Immunocytochemistry, Immunofluorescence, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

AR; Polyclonal Antibody; Phospho-AR (Ser792) Antibody; AIS; ANDR_HUMAN; Androgen nuclear receptor variant 2; Androgen receptor (dihydrotestosterone receptor; testicular feminization; spinal and bulbar muscular atrophy; Kennedy disease); Androgen receptor; androgen receptor splice variant 4b; AR8; DHTR; Dihydro testosterone receptor; Dihydrotestosterone receptor (DHTR); Dihydrotestosterone receptor; HUMARA; HYSPI;KD; Kennedy disease (KD); NR3C4; Nuclear receptor subfamily 3 group C member 4 (NR3C4); Nuclear receptor subfamily 3 group C member 4; SBMA; SMAX1; Spinal and bulbar muscular atrophy (SBMA); Spinal and bulbar muscular atrophy; Testicular Feminization (TFM); TFM; anti-AR antibody

PRODUCT SPECIFICATIONS

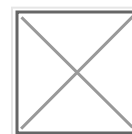
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	Phospho-AR (Ser792) Antibody detects endogenous levels of Androgen Receptor only when phosphorylated at AnSer792.
Purity/Purification	Peptide affinity purification
Form/Format	IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-AR antibody	ELISA (Peptide ELISA), ICC (Immunocytochemistry), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human AR around the phosphorylation site of Ser792.
Preparation and Storage	Store at -20°C.

IMAGES



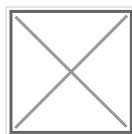
Application Data

At 25 degree C. Samples were then incubated with primary Ab(At 37 degree C. An AlexaFluor594 conjugated goat anti-rabbit IgG(H+L) Ab(Red) and an AlexaFluor488 conjugated goat anti-mouse IgG(H+L) Ab(Green) were used as the secondary antibody. The nuclear counter stain is DAPI(blue).



IHC (Immunohistochemistry)

Staining Rat testis tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the primary antibody at 4 degree C overnight. An HRP conjugated anti-Rabbit antibody was used as the secondary antibody.



WB (Western Blot)

Western blot analysis of Androgen Receptor (Phospho-Ser792) using HeLa whole cell lysates. -/+ means absence or presence of N peptide/non-phospho peptide) and P peptide(phospho peptide).

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. 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 kDa
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; HYSP1; 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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/ar-antibody-peptide-elisa-immunocytochemistry-immunofluorescence-immunohistochemistry-western-blot-elisa/329895>