

Anti-AR / Androgen Receptor Antibody (aa611-660)

Rabbit Anti Human Polyclonal Antibody

Catalog # ALS18284

Product Information

Application	WB, IHC-P
Primary Accession	P10275
Predicted	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	99188

Additional Information

Gene ID	367
Alias Symbol	AR
Other Names	AR, Androgen receptor, Dihydrotestosterone receptor, DHTR, AIS, KD, NR3C4, HUMARA, SBMA, TFM, SMAX1, HYSP1
Target/Specificity	Human Androgen Receptor
Reconstitution & Storage	Immunoaffinity purified
Precautions	Anti-AR / Androgen Receptor Antibody (aa611-660) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	AR
Synonyms	DHTR, NR3C4
Function	Steroid hormone receptors are ligand-activated transcription factors that regulate eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues (PubMed: 19022849). 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.
Cellular Location	Nucleus. Cytoplasm Note=Detected at the promoter of target genes (PubMed:25091737) Predominantly cytoplasmic in unligated form but translocates to the nucleus upon ligand-binding. Can also translocate to the nucleus in unligated form in the presence of RACK1.

Tissue Location

[Isoform 2]: Mainly expressed in heart and skeletal muscle.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.