

Androgen Receptor Antibody
Rabbit mAb
Catalog # AP90368

Specification

Androgen Receptor Antibody - Product Information

Application	WB, IHC, FC, ICC, IP
Primary Accession	P10275
Reactivity	Rat
Clonality	Monoclonal
Other Names	
ANDR; Androgen receptor; DHTR; Dihydrotestosterone receptor; NR3C4; SBMA; SMAX1 HYSP1; AR; AIS; TFM; KD;	
Isotype	Rabbit IgG
Host	Rabbit
Calculated MW	98kDa KDa

Androgen Receptor Antibody - Additional Information

Dilution	WB~~1:1000 IHC~~1:100~500 FC~~1:10~50 ICC~~N/A IP~~N/A
Purification	Affinity-chromatography
Immunogen	A synthesized peptide derived from human Androgen Receptor
Description	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. Transcription activation is down-regulated by NR0B2. Activated, but not phosphorylated, by HIPK3.
Storage Condition and Buffer	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Androgen Receptor Antibody - 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 NROB2. 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

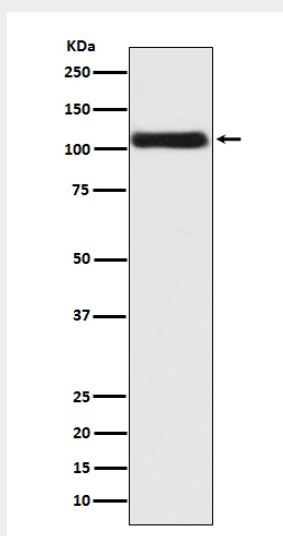
[Isoform 2]: Mainly expressed in heart and skeletal muscle.

Androgen Receptor Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Androgen Receptor Antibody - Images



Western blot analysis of Androgen Receptor expression in Lncap cell lysate.