

**Androgen Receptor Rabbit mAb**  
Catalog # AP77336**Specification****Androgen Receptor Rabbit mAb - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">P10275</a>
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	99188

**Androgen Receptor Rabbit mAb - Additional Information****Gene ID** 367**Other Names**

AR

**Dilution**

WB~~1/500-1/1000

IHC~~1/50-1/100

**Format**

Liquid

**Androgen Receptor Rabbit mAb - 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:<a href="http://www.uniprot.org/citations/19022849" target="\_blank">19022849</a>). 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:<a href="http://www.uniprot.org/citations/20812024" target="\_blank">20812024</a>). 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.

### Androgen Receptor Rabbit mAb - 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 Rabbit mAb - Images

