

## Androgen receptor Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 252078

**Unit:** 0.1 mg

### 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. The androgen receptor binds DNA as a homodimer. The androgen receptor is part of a ternary complex containing AR, EFCAB6/DJBP and PARK7. The androgen receptor interacts with HIPK3 and NR0B2 in the presence of androgen. The ligand binding domain interacts with MYST2/HBO1 in the presence of dihydrotestosterone. Defects in the androgen receptor are the cause of spinal and bulbar muscular atrophy X-linked type 1 (SMAX1), also known as Kennedy disease.

**Isotype:** Rabbit Ig

**Applications:** E, WB

**Species Reactivity:** H, M, R

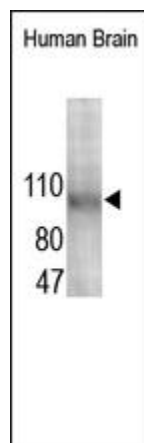
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** Androgen receptor; Dihydrotestosterone receptor; Nuclear receptor subfamily 3 group C member 4; AR; DHTR; NR3C4

**Accession No.:** P10275

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the N-term region of human androgen receptor.

**Application Notes:** E: 1:10,000-1:50,000; WB: 1:200-1:1,000



**The Androgen receptor Antibody is used in Western blot to detect the androgen receptor in human fetal brain lysates.**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.