

AR

Reactivity: Human Mouse Rat

Tested applications: WB IHC ICC IF

Recommended Dilution: WB 1:500 - 1:2000 IHC 1:50 - 1:100 ICC 1:50 - 1:200 IF 1:50 - 1:200

Calculated MW: 110kDa

Observed MW: Refer to Figures

Immunogen:

A synthetic peptide of human AR

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

k

Synonym:

KD; AIS; TFM; DHTR; SBMA; HYSP1; NR3C4; SMAX1; HUMARA

Catalog #: A2053

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 367

Isotype: IgG

Swiss Prot: P10275

Purity: Affinity purification

For research use only.

Background:

Androgen receptor (AR), a zinc finger transcription factor belonging to the nuclear receptor superfamily, is activated by phosphorylation and dimerization upon ligand binding (1). This promotes nuclear localization and binding of AR to androgen response elements in androgen target genes. AR plays a crucial role in several stages of male development and the progression of prostate cancer (2,3).

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