

Product Datasheet

Androgen Receptor Antibody



Catalog No: CY5030

Reactivity: Human

Isotype: Rabbit IgG

Applications: WB, IHC, ICC, IP

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Information

UniProt ID: P10275

All Names: KD; SBMA; HYSP1; AIS; TFM; DHTR; NR3C4; HUMARA; SMAX1

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

Molecular Wt.: 110 kDa

Application

WB: 1:500~1:2000

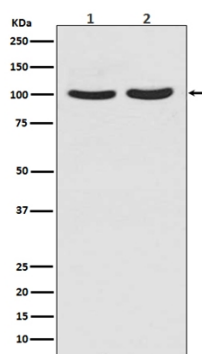
ICC: 1:50~1:100

IHC: 1:50~1:100

IP: 1:30

Background

Androgen receptor (AR), a zinc finger transcription factor belonging to the nuclear receptor superfamily, is activated by phosphorylation and dimerization upon ligand binding. 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.



Western blot analysis of Androgen Receptor expression in (1) T47 D cell lysate; (2) LnCaP cell lysate.

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