Phospho-AR-S650 Rabbit Polyclonal Antibody

CABP0307

Product Information

Size:

50uL, 100uL, 200uL

Observed MW:

Calculated MW:

44kDa/67kDa/99kDa

Applications:

IHC

Reactivity:

Human

Antibody Information

Recommended dilutions:
IHC 1:50 - 1:100

Source:
Rabbit

Isotype:
IgG

Purification:
Affinity purification

Protein Background

The androgen receptor gene is more than 90 kb long and codes for a protein that has 3 major functional domains: the N-terminal domain, DNA-binding domain, and androgen-binding domain. The protein functions as a steroid-hormone activated transcription factor. Upon binding the hormone ligand, the receptor dissociates from accessory proteins, translocates into the nucleus, dimerizes, and then stimulates transcription of androgen responsive genes. This gene contains 2 polymorphic trinucleotide repeat segments that encode polyglutamine and polyglycine tracts in the N-terminal transactivation domain of its protein. Expansion of the polyglutamine tract from the normal 9-34 repeats to the pathogenic 38-62 repeats causes spinal bulbar muscular atrophy (Kennedy disease). Mutations in this gene are also associated with complete androgen insensitivity (CAIS). Two alternatively spliced variants encoding distinct isoforms have been described.

Immunogen information

Gene ID:
367

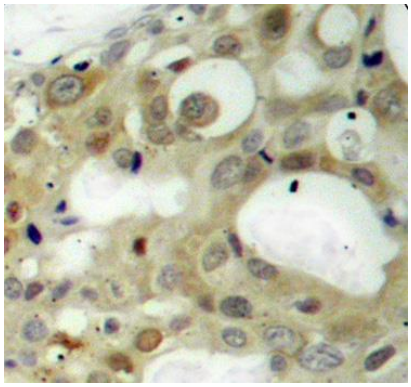
Uniprot
P10275

Synonyms:
AIS; AR8; DHTR; HUMARA; HYSP1; KD; NR3C4; SBMA; SMAX1; TFM; AR

Immunogen:
A phospho specific peptide corresponding to residues surrounding S650 of human AR

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

Product Images



Immunohistochemistry of paraffin-embedded human breast carcinoma using Phospho-AR-S650 antibody (CABP0307).