

**CAB19611**

## Product Information

<b>Product SKU:</b>	CAB19611	<b>Gene ID:</b>	367	<b>Size:</b>	20uL, 100uL
<b>Clone No:</b>	ARC0090	<b>Host Species:</b>	Rabbit	<b>Reactivity:</b>	Human,Mouse,Rat

## Additional Information

<b>Observed MW:</b>	110kDa	<b>Conjugate:</b>	Unconjugated
<b>Calculated MW:</b>	99kDa	<b>Isotype:</b>	IgG

## Immunogen Information

<b>Background:</b>	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 (SBMA, also known as Kennedy's disease). Mutations in this gene are also associated with complete androgen insensitivity (CAIS). Alternative splicing results in multiple transcript variants encoding different isoforms.
<b>Recommended Dilution:</b>	WB,1:500 - 1:1000 IHC-P,1:100 - 1:500 IF/ICC,1:50 - 1:200 IP,0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
<b>Synonyms:</b>	KD; AIS; AR8; TFM; DHTR; SBMA; HYSPI; NR3C4; SMAX1; HUMARA; Androgen Receptor
<b>Purification Method:</b>	Affinity purification
<b>Immunogen:</b>	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Androgen Receptor (P10275).
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.