CAB0330

Product Information

Clone No: - Host Species: Rabbit Reactivity: Mouse,Rat	Product SKU:	CAB0330	Gene ID:	367	Size:	20uL, 100uL
	Clone No:	-	Host Species:	Rabbit	Reactivity :	Mouse,Rat

Additional Information

Observed MW:	80kDa/110kDa	Conjugate:	Unconjugated
Calculated MW:	99kDa	lsotype:	lgG

Immunogen Information

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 (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.
Recommended Dilution:	WB,1:500 - 1:1000
Synonyms:	KD; AIS; AR8; TFM; DHTR; SBMA; HYSP1; NR3C4; SMAX1; HUMARA; Androgen Receptor
Purifcation Method:	Affinity purification
Immunogen:	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human Androgen
	Receptor (NP_000035.2).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3.