Androgen Receptor(AR-V7 specific) Rabbit pAb

db727 **Package : 20μL 50μL 100μL**

Product Name : Androgen Receptor(AR-V7 specific) Rabbit pAb
Cat.No.: db727
Synonyms : KD; AIS; AR8; TFM; DHTR; SBMA; HYSP1; NR3C4; SMAX1; HUMARA
Application : WB, ICC/IF, FC
Reactivity : Human
Host species : Rabbit

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. [provided by RefSeq, Jan 2017]
Immunogen	A synthetic peptide of human Androgen Receptor
Gene ID	367
Swiss Prot	P10275-3
Synonyms	KD; AIS; AR8; TFM; DHTR; SBMA; HYSP1; NR3C4; SMAX1; HUMARA
Reactivity	Human
Application	WB, ICC/IF, FC
Recommended dilution	WB: 1:1000 ICC/IF: 1:20 FC: 1:20
Calculated MW	67 kDa
Observed MW	80 kDa
Host species	Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.