

Recombinant

DGRmAb®

Androgen Receptor(AR-V7 specific) (DGR11235) Rabbit mAb

db12429

Package : 10µL 20µL 50µL 100µL

Product Name : Androgen Receptor(AR-V7 specific) (DGR11235) Rabbit mAb**Cat.No.:** db12429**Synonyms** : KD; AIS; AR8; TFM; DHTR; SBMA; HYSP1; NR3C4; SMAX1; HUMARA**Application** : WB, IHC-P**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, IHC-P

Recommended dilutionWB: 1:1000
IHC-P: 1:100-1:200**Calculated MW**

67 kDa

Observed MW

80 kDa

Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR11235
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.