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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

AR recombinant monoclonal antibody, clone 5G7

Catalog Number: RAB04153

Regulatory Status: For research use only (RUO)

Product Description: Rabbit recombinant monoclonal antibody raised against human AR.

Clone Name: 5G7

Immunogen: Original antibody is raised against recombinant protein corresponding to full length human AR.

Antibody Species: Rabbit

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Form: Liquid

Purification: Affinity-chromatography

Isotype: IgG

Recommend Usage: ELISA

Immunohistochemistry (1:50-1:200)

Western Blot (1:500-1:5000)

The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS, pH7.4 (150 mM NaCl, 50% glycerol and 0.02% sodium azide)

Storage Instruction: Store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 367

Gene Symbol: AR

Gene Alias: AIS, DHTR, HUMARA, KD, NR3C4, SBMA, SMAX1, TFM

Gene Summary: 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 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. [provided by RefSeq]