

# Androgen Receptor (Phospho-Ser515) Antibody FITC Conjugated

Catalog No: #C02026F

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Androgen Receptor (Phospho-Ser515) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	ICC IF
Species Reactivity	Hu
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human Androgen Receptor around the phosphorylation site of Ser515
Conjugates	FITC
Target Name	Androgen Receptor Ser515
Other Names	Androgen Receptor phospho S515; Androgen Receptor Ser515; Androgen Receptor phospho Ser515; p-Androgen Receptor Ser515; ANDR_HUMAN; HYSP1; AIS; Androgen receptor dihydrotestosterone receptor; testicular feminization; spinal and bulbar muscular atrophy; Kennedy disease; AR; DHTR; Dihydro Testosterone
Accession No.	NCBI Gene ID367
Uniprot	P10275
GeneID	367;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

ICC=1:50-200 IF=1:50-200

## 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 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, Jul 2008]

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Note: This product is for in vitro research use only