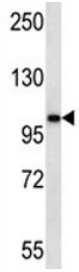
AR Antibody (F42850)

Catalog No.	Formulation	Size
F42850-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F42850-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	P10275
Applications	Western blot: 1:1000
Limitations	This AR antibody is available for research use only.



AR antibody western blot analysis in ZR-75-1 lysate

Description

The androgen receptor, also known as NR3C4 (nuclear receptor subfamily 3, group C, member 4), is a type of nuclear receptor that is activated by binding either of the androgenic hormones, testosterone, or dihydrotestosterone in the cytoplasm and then translocating into the nucleus. It is most closely related to the progesterone receptor, and progestins in higher dosages can block the androgen receptor.

The main function of the AR is as a DNA-binding transcription factor that regulates gene expression; however, the androgen receptor has other functions as well. Androgen regulated genes are critical for the development and maintenance of the male sexual phenotype. [Wiki]

For additional information on androgen receptor biology and complementary antibody validation, visit our Androgen Receptor Antibody CDF-1 / Steroid Hormone Receptor Antibody page.

Application Notes

Titration of the AR antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 475-504 from the human protein was used as the immunogen for this AR antibody.

Storage

Aliquot the AR antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

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