

# ARA160 (N-17): sc-25961

## BACKGROUND

Androgens exhibit a wide range of effects on the development, maintenance and regulation of male phenotype and reproductive physiology in males. The androgen receptor (AR) is a member of the steroid superfamily of ligand-dependent transcription factors. ARs bind the two biologically active androgens, testosterone (T) and dihydrotestosterone (DHT). ARA54 contains a ring finger and functions as a AR coactivator. Testis, thymus, spleen, colon, prostate and uterus express ARA54 at high levels. ARA160 associates with an ATP-dependent chromatin remodeling factor known as the SNF/SWI complex. The FXXLF motif present in AR coactivators mediates their interaction with AR but not their transcription-related activity.

## REFERENCES

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## CHROMOSOMAL LOCATION

Genetic locus: TMF1 (human) mapping to 3p14.1; Tmf1 (mouse) mapping to 6 D3.

## SOURCE

ARA160 (N-17) is an affinity purified goat polyclonal antibody raised against a peptide mapping at the N-terminus of ARA160 of human origin.

## STORAGE

Store at 4° C, \*\*DO NOT FREEZE\*\*. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

## PRODUCT

Each vial contains 200  $\mu$ g IgG in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

Blocking peptide available for competition studies, sc-25961 P, (100  $\mu$ g peptide in 0.5 ml PBS containing < 0.1% sodium azide and 0.2% BSA).

Available as TransCruz reagent for Gel Supershift and ChIP applications, sc-25961 X, 200  $\mu$ g/0.1 ml.

## APPLICATIONS

ARA160 (N-17) is recommended for detection of ARA160 of mouse, rat and human origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2  $\mu$ g per 100-500  $\mu$ g of total protein (1 ml of cell lysate)], immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500) and solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

ARA160 (N-17) is also recommended for detection of ARA160 in additional species, including equine, canine, bovine, porcine and avian.

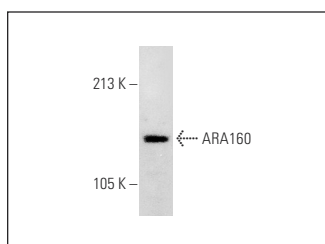
Suitable for use as control antibody for ARA160 siRNA (h): sc-37683, ARA160 siRNA (m): sc-37684, ARA160 shRNA Plasmid (h): sc-37683-SH, ARA160 shRNA Plasmid (m): sc-37684-SH, ARA160 shRNA (h) Lentiviral Particles: sc-37683-V and ARA160 shRNA (m) Lentiviral Particles: sc-37684-V.

ARA160 (N-17) X TransCruz antibody is recommended for Gel Supershift and ChIP applications.

Molecular Weight of ARA160: 160 kDa.

Positive Controls: MCF7 whole cell lysate: sc-2206.

## DATA



ARA160 (N-17): sc-25961. Western blot analysis of ARA160 expression in MCF7 whole cell lysate.

## RESEARCH USE

For research use only, not for use in diagnostic procedures.

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Try **ARA160 (C-10): sc-398411**, our highly recommended monoclonal alternative to ARA160 (N-17).