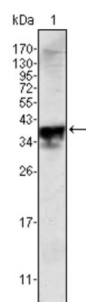
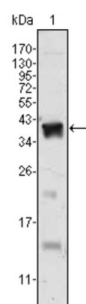


Androgen Receptor (AR) Antibody

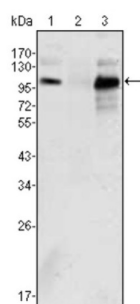
Catalogue No.: abx011626



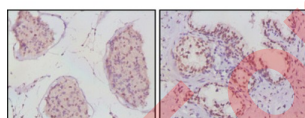
Western blot analysis using Androgen receptor antibody against K562 (1), Jurkat (2) and LNCaP (3) cell lysate.



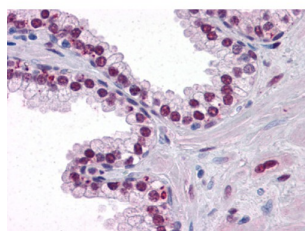
Western blot analysis using Androgen receptor antibody against human Androgen receptor (AA: 221-321) recombinant protein. (Expected MW is 40 kDa).



Western blot analysis using Androgen receptor antibody against Androgen receptor (aa221-321)-hIgGfC transfected HEK293 cell lysate.



Immunohistochemical analysis of paraffin-embedded human Prostate tissues using Androgen receptor antibody.



Immunohistochemical analysis of paraffin-embedded human human testis (left) and prostate cancer (right) tissues using Androgen Receptor antibody with DAB staining.

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

Target:	Androgen Receptor (AR)
Clonality:	Monoclonal
Reactivity:	Human
Tested Applications:	ELISA, WB, IHC
Host:	Mouse
Recommended dilutions:	ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Purified recombinant fragment of human AR expressed in E. coli.
Isotype:	IgG ₁
Form:	Liquid
Purification:	Unpurified ascites.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	P10275 (UniProt , ExPASy)
Gene Symbol:	AR
GeneID:	367
OMIM:	300068
HGNC:	644
KEGG:	hsa:367
Ensembl:	ENSG00000169083

Datasheet

Version: 4.0.0

Revision date: 07 Sep 2025



String: [9606.ENSPO0000363822](#)

Molecular Weight: 110 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only