

Product Name: AR Rabbit Polyclonal Antibody**Catalog #: APRab07081**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,IHC,ICC/IF,ELISA
Reactivity	Human,Rat,Mouse
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:20000-1:40000
Molecular Weight	99kDa

Antigen Information

Gene Name	AR
Alternative Names	AR; DHTR; NR3C4; Androgen receptor; Dihydrotestosterone receptor; Nuclear receptor subfamily 3 group C member 4
Gene ID	367.0
SwissProt ID	P10275
Immunogen	The antiserum was produced against synthesized peptide derived from human c-terminal Androgen Receptor. AA range:621-670

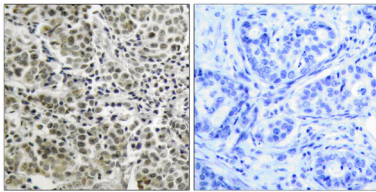
Background

Androgen receptor (AR), a zinc finger transcription factor belonging to the nuclear receptor superfamily, is activated by phosphorylation and dimerization upon ligand binding. This promotes nuclear localization and binding of AR to androgen response elements in androgen target genes.

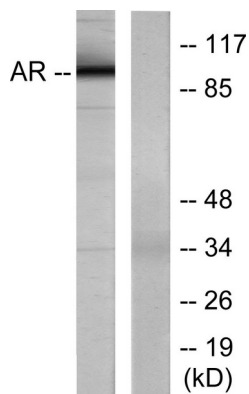
Research Area

Protein_Acetylation

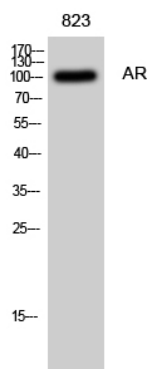
Image Data



Immunohistochemistry analysis of paraffin-embedded human prostate carcinoma tissue, using Androgen Receptor Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from LOVO cells, using Androgen Receptor Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of 823 cells using AR Polyclonal Antibody diluted at 1:500