

Product datasheet for **TA327243**

Androgen Receptor (AR) Rabbit Polyclonal Antibody

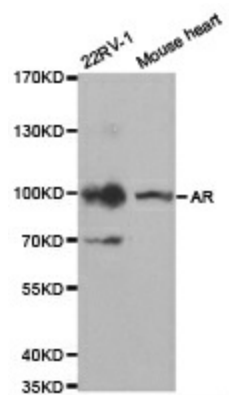
Product data:

Product Type:	Primary Antibodies
Applications:	ICC/IF, WB
Recommended Dilution:	WB 1:500 - 1:2000;IF 1:50- 1:200
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	A synthetic peptide of human AR
Formulation:	Store at -20C or -80C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Concentration:	lot specific
Purification:	Affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	androgen receptor
Database Link:	NP_000035 Entrez Gene 11835 Mouse Entrez Gene 24208 Rat Entrez Gene 367 Human P10275
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. AR plays a crucial role in several stages of male development and the progression of prostate cancer.
Synonyms:	AIS; AR8; DHTR; HUMARA; HYPSP1; KD; NR3C4; SBMA; SMAX1; TFM
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors
Protein Pathways:	Oocyte meiosis, Pathways in cancer, Prostate cancer

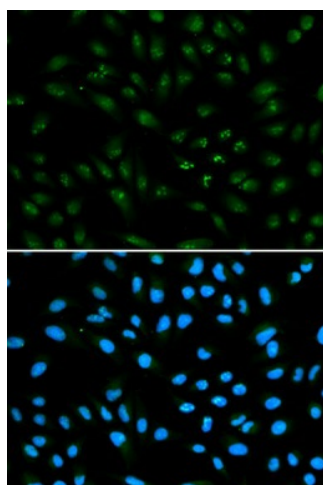


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Product images:



Western blot analysis of extracts of various cell lines, using AR antibody.



Immunofluorescence analysis of A549 cell using AR antibody. Blue: DAPI for nuclear staining.