

## Product datasheet for **TA325228**

### Androgen Receptor (AR) Rabbit Polyclonal Antibody

#### Product data:

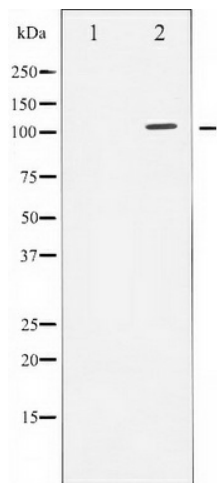
Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 1:500-1:2000; IHC: 1:50-1:200
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The antiserum was produced against A synthesized peptide derived from human Androgen Receptor
Formulation:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration:	lot specific
Purification:	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	110 kDa
Gene Name:	androgen receptor
Database Link:	<a href="#">NP_000035</a> <a href="#">Entrez Gene 367 Human</a> <a href="#">P10275</a>
Background:	The androgen receptor gene is more than 90 kb long and codes for a protein that has 3 major functional domains: the N-terminal domain, DNA-binding domain, and androgen-binding domain. The protein functions as a steroid-hormone activated transcription factor.
Synonyms:	AIS; AR8; DHTR; HUMARA; HYSY1; KD; NR3C4; SBMA; SMAX1; TFM
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors



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Protein Pathways: Oocyte meiosis, Pathways in cancer, Prostate cancer

### Product images:



Western blot analysis of Androgen Receptor expression in LOVO whole cell lysates, The lane on the left is treated with the antigen-specific peptide.