



Rabbit Anti-Human AR Monoclonal Antibody, clone CQ7237 (CABT-Z281R)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Immunogen	Synthetic peptide corresponding to residues within aa1-100 of Androgen Receptor was used as an immunogen.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	CQ7237
Purification	ProA affinity purified IgG.
Conjugate	Unconjugated
Applications	IHC-P Recommended concentration: IHC-P: 1:100-1:200
Molecular Weight	99 kDa
Cellular Localization	Nucleus
Positive Control	Prostate
Format	Liquid
Concentration	Lot specific
Size	100 µl

Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Preservative	0.01% Sodium azide
Storage	Store at -20 °C. Avoid freeze/thaw cycles.
Ship	Wet ice

BACKGROUND

Introduction	Androgen Receptor is a member of the superfamily of ligand responsive transcription regulators. The androgen receptor functions in the nucleus where it is believed to act as a transcriptional regulator mediating the action of male sex hormones. The androgen receptor has wide distribution and can be demonstrated by immunohistochemistry in several tissues including prostate, skin, and oral mucosa. Androgen receptor has been reported in a diverse range of human tumors including osteosarcoma, and in prostatic carcinoma androgen receptor expression may be of clinical relevance. Androgen Receptor is recommended for the detection of specific antigens of interest in normal and neoplastic tissues, as an adjunct to conventional histopathology using non-immunologic histochemical stains.
Keywords	AR; androgen receptor; KD; AIS; TFM; DHTR; SBMA; HYSP1; NR3C4; SMAX1; HUMARA; dihydrotestosterone receptor; androgen nuclear receptor variant 2; nuclear receptor subfamily 3 group C member 4

GENE INFORMATION

Gene Name	AR
Entrez Gene ID	367
UniProt ID	P10275