

Datasheet for ABIN725240

**anti-Androgen Receptor antibody (AA 825-919)****2** Images**3** Publications[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Androgen Receptor (AR)
Binding Specificity:	AA 825-919
Reactivity:	Human, Mouse, Rat, Pig, Goat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Androgen Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro))

## Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human AR
Isotype:	IgG
Cross-Reactivity:	Goat, Human, Mouse, Pig, Rat
Predicted Reactivity:	Cow, Sheep, Horse, Chicken, Rabbit
Purification:	Purified by Protein A.

## Target Details

Target:	Androgen Receptor (AR)
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## Target Details

Alternative Name:	Androgen receptor ( <a href="#">AR Products</a> )
Background:	<p>Synonyms: KD, AIS, TFM, DHTR, SBMA, HYSP1, NR3C4, SMAX1, HUMARA, Androgen receptor, Dihydrotestosterone receptor, Nuclear receptor subfamily 3 group C member 4, AR</p> <p>Background: Steroid hormone receptors are ligand-activated transcription factors that regulate eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Transcription factor activity is modulated by bound coactivator and corepressor proteins. Transcription activation is down-regulated by NR0B2. Activated, but not phosphorylated, by HIPK3 and ZIPK/DAPK3.</p>
Gene ID:	367
UniProt:	<a href="#">P10275</a>
Pathways:	<a href="#">Nuclear Receptor Transcription Pathway</a> , <a href="#">Intracellular Steroid Hormone Receptor Signaling Pathway</a> , <a href="#">Steroid Hormone Mediated Signaling Pathway</a> , <a href="#">Regulation of Intracellular Steroid Hormone Receptor Signaling</a> , <a href="#">Nuclear Hormone Receptor Binding</a> , <a href="#">Chromatin Binding</a>

## Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

## Handling

Storage: 4 °C, -20 °C

Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

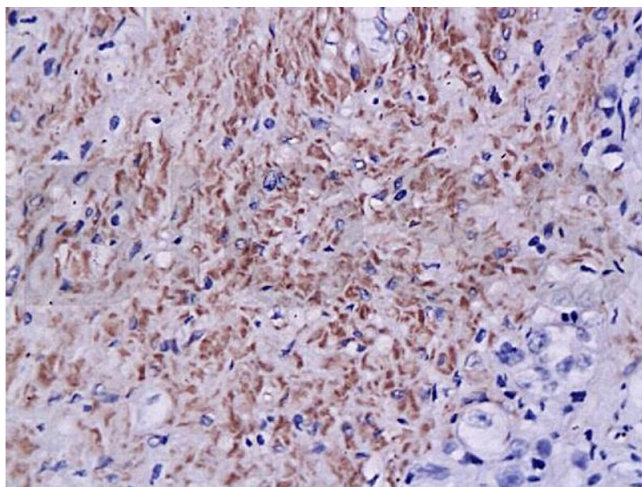
Expiry Date: 12 months

## Publications

Product cited in: Madka, Mohammed, Li, Zhang, Biddick, Patlolla, Lightfoot, Towner, Wu, Steele, Kopelovich, Rao: "Targeting mTOR and p53 Signaling Inhibits Muscle Invasive Bladder Cancer In Vivo." in: **Cancer prevention research (Philadelphia, Pa.)**, Vol. 9, Issue 1, pp. 53-62, (2016) ([PubMed](#)).

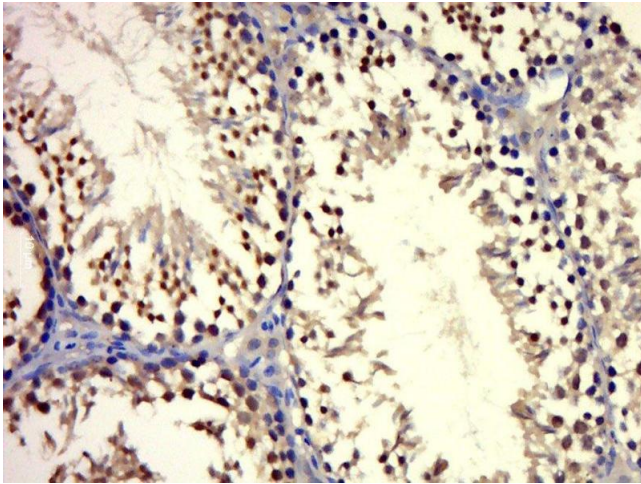
Liu, Liu, Fu, Wang, Zhang: "Bak Foong pills combined with metformin in the treatment of a polycystic ovarian syndrome rat model." in: **Oncology letters**, Vol. 10, Issue 3, pp. 1819-1825, (2015) ([PubMed](#)).

## Images



### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded human prostate tissue labeled with Anti-Androgen receptor Polyclonal Antibody, Unconjugated (ABIN725240) at 1:200, followed by conjugation to the secondary antibody and DAB staining



#### Immunohistochemistry (Paraffin-embedded Sections)

**Image 2.** Paraformaldehyde-fixed, paraffin embedded mouse testis, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30min, Antibody incubation with Androgen Receptor Polyclonal Antibody, Unconjugated at 1:500 overnight at 4°C, followed by a conjugated secondary for 20 minutes and DAB staining.