

Datasheet for ABIN730123

**anti-Androgen Receptor antibody (pSer578)****3** Images[Go to Product page](#)

## Overview

Quantity:	100 µL
Target:	Androgen Receptor (AR)
Binding Specificity:	pSer578
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Androgen Receptor antibody is un-conjugated
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

## Product Details

Immunogen:	KLH conjugated synthetic phosphopeptide derived from human Androgen Receptor around the phosphorylation site of Ser578 [CG(p-S)CK]
Isotype:	IgG
Specificity:	This phosphorylation site is homologous to that of Ser558 in Mouse and Ser561 in Rat.
Cross-Reactivity:	Human, Mouse, Rat
Purification:	Purified by Protein A.

## Target Details

Target:	Androgen Receptor (AR)
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## Target Details

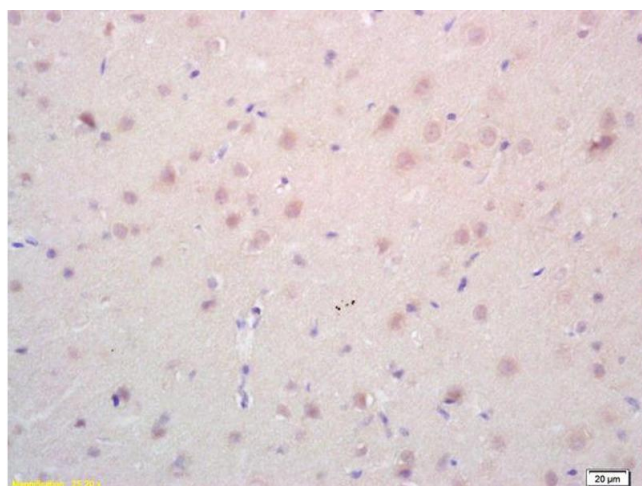
Alternative Name:	Androgen Receptor ( <a href="#">AR Products</a> )
Background:	<p>Synonyms: KD, AIS, TFM, DHTR, SBMA, HYSP1, NR3C4, SMAX1, HUMARA, Androgen receptor, Dihydrotestosterone receptor, Nuclear receptor subfamily 3 group C member 4, AR</p> <p>Background: Steroid hormone receptors are ligand-activated 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 1:100-1000 IHC-P 1:100-500 IF(IHC-P) 1:50-200
Restrictions:	For Research Use only

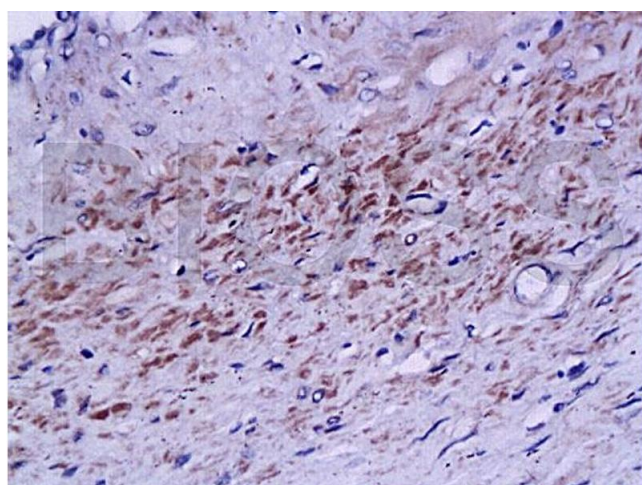
## Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 1 % BSA, 50 % glycerol and 0.09 % sodium azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months



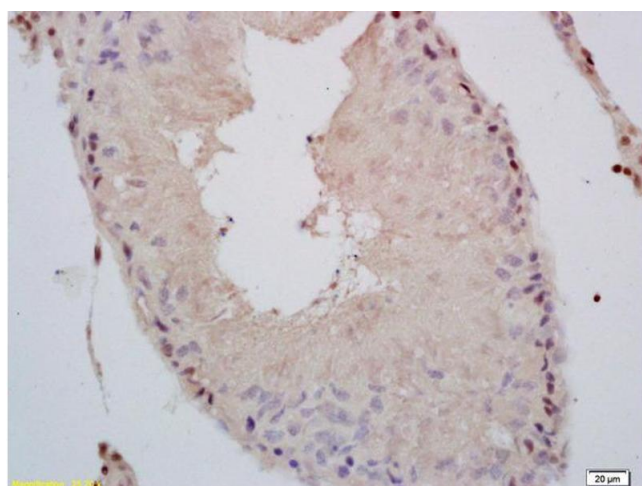
#### Immunohistochemistry

**Image 1.** Formalin-fixed and paraffin embedded rat brain labeled with Rabbit Anti phospho-Androgen Receptor(Ser578) Polyclonal Antibody, Unconjugated (ABIN730123) at 1:200 followed by conjugation to the secondary antibody and DAB staining



#### Immunohistochemistry

**Image 2.** Formalin-fixed and paraffin embedded human prostate labeled with Rabbit Anti phospho-Androgen Receptor(Ser578) Polyclonal Antibody, Unconjugated (ABIN730123) at 1:200 followed by conjugation to the secondary antibody and DAB staining



#### Immunohistochemistry

**Image 3.** Formalin-fixed and paraffin embedded rat testis labeled with Rabbit Anti phospho-Androgen Receptor(Ser578) Polyclonal Antibody, Unconjugated (ABIN730123) at 1:200 followed by conjugation to the secondary antibody and DAB staining