Datasheet for ABIN7427894

anti-Androgen Receptor antibody (AA 491-679)

5 Images

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Overview

Quantity:	100 µL
Target:	Androgen Receptor (AR)
Binding Specificity:	AA 491-679
Reactivity:	Rat
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Androgen Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Androgen Receptor (AR)
Immunogen:	Recombinant Androgen Receptor (AR) corresdonding to Val491~Ser679 (Accession # P15207)
Clone:	D4
Isotype:	IgG2b kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against AR. It has been selected for its ability to recognize AR in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human, Mouse
Purification:	Protein A + Protein G affinity chromatography

Target Details

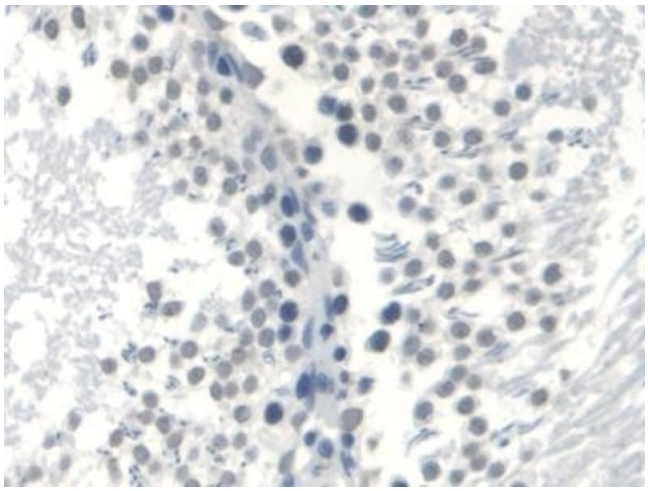
Target:	Androgen Receptor (AR)
Alternative Name:	Androgen Receptor (AR Products)
Background:	AIS, DHTR, HUMARA, KD, NR3C4, SBMA, SMAX1, TFM, Dihydrotestosterone receptor, Nuclear Receptor Subfamily 3,Group C,Member 4, Testicular Feminization, Kennedy Disease
Pathways:	Nuclear Receptor Transcription Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Nuclear Hormone Receptor Binding, Chromatin Binding

Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL Immunohistochemistry: 5-20 µg/mL Immunocytochemistry: 5-20 µg/mL Optimal working dilutions must be determined by end user.
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Restrictions:	For Research Use only

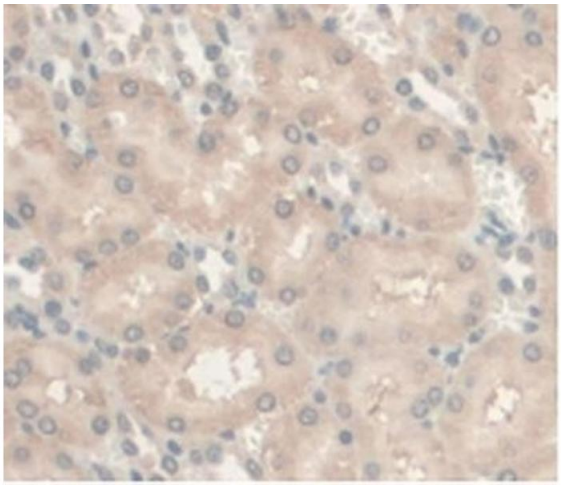
Handling

Format:	Liquid
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.
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:	4 °C,-20 °C
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without detectable loss of activity. Avoid repeated freeze-thaw cycles.
Expiry Date:	24 months



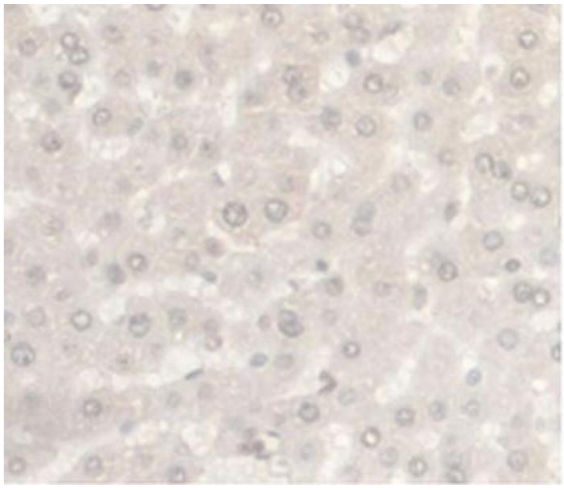
Immunohistochemistry

Image 1. Detection of AR in Rat Testis Tissue using Monoclonal Antibody to Androgen Receptor (AR)



Immunohistochemistry

Image 2. Detection of AR in Rat Kidney Tissue using Monoclonal Antibody to Androgen Receptor (AR)



Immunohistochemistry

Image 3. Detection of AR in Rat Liver Tissue using Monoclonal Antibody to Androgen Receptor (AR)

Please check the product details page for more images. Overall 5 images are available for ABIN7427894.