

Datasheet for ABIN389077

**anti-Androgen Receptor antibody (AA 365-392)****3** Images[Go to Product page](#)

## Overview

Quantity:	400 µL
Target:	Androgen Receptor (AR)
Binding Specificity:	AA 365-392
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Androgen Receptor antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	This Androgen Receptor (ANDR) antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 365-392 amino acids from human Androgen Receptor (ANDR).
Clone:	RB2579
Isotype:	Ig Fraction
Predicted Reactivity:	Pr, Pig
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	Androgen Receptor (AR)
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## Target Details

Alternative Name:	Androgen Receptor (ANDR) ( <a href="#">AR Products</a> )
Background:	Androgen receptor (ANDR) has 3 major functional domains: the N-terminal domain, DNA-binding domain, and an androgen-binding domain. The protein functions as a steroid-hormone activated transcription factor. Upon binding the hormone ligand, the receptor dissociates from accessory proteins, translocates into the nucleus, dimerizes, and then stimulates transcription of androgen responsive genes. The gene for this protein contains 2 polymorphic trinucleotide repeat segments that encode polyglutamine and polyglycine tracts in the N-terminal transactivation domain of the protein. Expansion of the polyglutamine tract causes spinal bulbar muscular atrophy (Kennedy disease). Mutations are also associated with complete androgen insensitivity (CAIS). PIAS1 and PIASxalpha function as SUMO-E3 ligases toward androgen receptor, sumoylation of ANDR represses androgen receptor dependent transcription.
Molecular Weight:	99188
Gene ID:	367
NCBI Accession:	<a href="#">NP_000035</a> , <a href="#">NP_001011645</a>
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: 1:1000. WB: 1:1000. IHC-P: 1:10~50
Restrictions:	For Research Use only

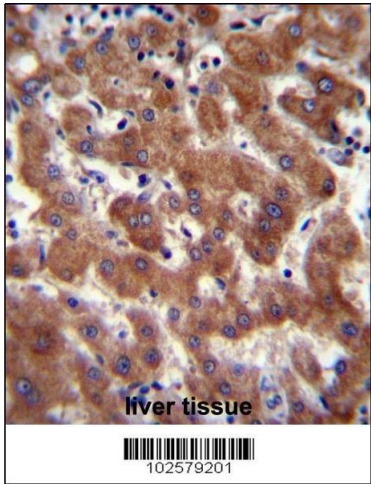
## Handling

Format:	Liquid
Buffer:	Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) 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:	4 °C,-20 °C
Storage Comment:	Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small

aliquots to prevent freeze-thaw cycles.

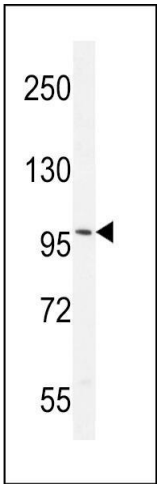
Expiry Date: 6 months

Images



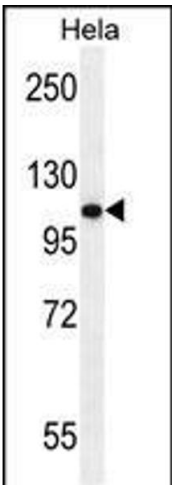
**Immunohistochemistry (Paraffin-embedded Sections)**

**Image 1.** Androgen Receptor Antibody (ANDR) (ABIN389077 and ABIN2850530) immunohistochemistry analysis in formalin fixed and paraffin embedded human liver tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of Androgen Receptor Antibody (ANDR) for immunohistochemistry. Clinical relevance has not been evaluated.



**Western Blotting**

**Image 2.** ANDR (ABIN389077 and ABIN2850530) western blot analysis in mouse brain tissue lysates (35 µg/lane). This demonstrates the AR antibody detected the AR protein (arrow).



**Western Blotting**

**Image 3.** ANDR Antibody (Sumo-site) (ABIN389077 and ABIN2850530) western blot analysis in Hela cell line lysates (35 µg/lane). This demonstrates the ANDR antibody detected the ANDR protein (arrow).