

Datasheet for ABIN2781789  
**anti-SRD5A2 antibody (N-Term)**[Go to Product page](#)

2 Images

1 Publication

## Overview

Quantity:	100 µL
Target:	SRD5A2
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Pig, Rat, Dog, Horse, Rabbit, Cow
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SRD5A2
Sequence:	KHTESLKPAA TRLPARAAWF LQELPSFAVP AGILARQPLS LFGPPGTVLL
Predicted Reactivity:	Cow: 100%, Dog: 100%, Horse: 100%, Human: 100%, Mouse: 77%, Pig: 93%, Rabbit: 86%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against SRD5A2. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Affinity Purified

## Target Details

Target:	SRD5A2
Alternative Name:	SRD5A2 ( <a href="#">SRD5A2 Products</a> )

## Target Details

Background:	<p>This gene encodes a microsomal protein expressed at high levels in androgen-sensitive tissues such as the prostate. The encoded protein is active at acidic pH and is sensitive to the 4-azasteroid inhibitor finasteride. Deficiencies in this gene can result in male pseudohermaphroditism, specifically pseudovaginal perineoscrotal hypospadias (PPSH).</p> <p>Alias Symbols: MGC138457</p> <p>Protein Size: 254</p>
Molecular Weight:	28 kDa
Gene ID:	6716
NCBI Accession:	<a href="#">NM_000348</a> , <a href="#">NP_000339</a>
UniProt:	<a href="#">P31213</a>
Pathways:	<a href="#">Metabolism of Steroid Hormones and Vitamin D</a> , <a href="#">Steroid Hormone Biosynthesis</a>

## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
Comment:	Antigen size: 254 AA
Restrictions:	For Research Use only

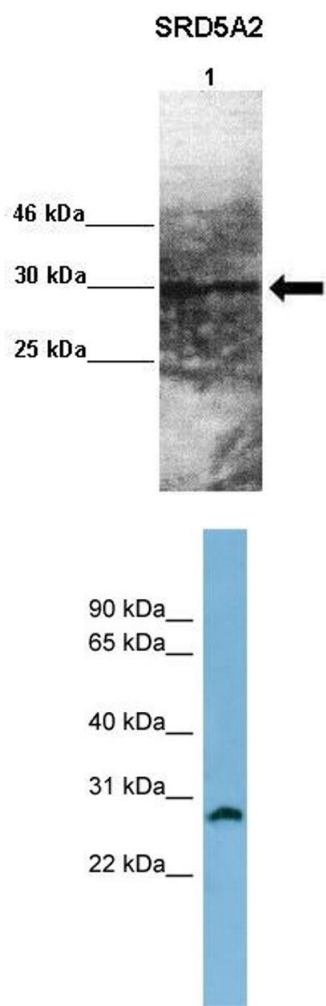
## Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Publications

Product cited in: Bertin, Dury, Ouellet, Pelletier, Labrie: "Localization of the androgen-synthesizing enzymes, androgen receptor, and sex steroids in the vagina: possible implications for the treatment of postmenopausal sexual dysfunction." in: **The journal of sexual medicine**, Vol. 11, Issue 8, pp. 1949-61, (2014) ([PubMed](#)).

Images



Western Blotting

**Image 1.** Lanes : Lane 1: 50ug monkey brain extract Primary Antibody Dilution : 1:1000 Secondary Antibody : Goat anti rabbit-HRP Secondary Antibody Dilution : 1:10,000 Gene Name : SRD5A2 Submitted by : Jonathan Bertin, Endoceutics Inc.

Western Blotting

**Image 2.** WB Suggested Anti-SRD5A2 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: HepG2 cell lysate