

Datasheet for ABIN2781788
anti-SRD5A2 antibody (N-Term)

3 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	SRD5A2
Binding Specificity:	N-Term
Reactivity:	Human, Pig, Rabbit
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB), Immunohistochemistry (IHC)

Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SRD5A2
Sequence:	MQVQCQQSPV LAGSATLVAL GALALYVAKP SGYGKHTESL KPAATRLPAR
Predicted Reactivity:	Human: 100%, Pig: 86%, Rabbit: 91%
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 (SRD5A2 Products)

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</p> <p>Alias Symbols: MGC138457</p> <p>Protein Size: 254</p>
Molecular Weight:	28 kDa
Gene ID:	6716
NCBI Accession:	NM_000348 , NP_000339
UniProt:	Q28892
Pathways:	Metabolism of Steroid Hormones and Vitamin D , Steroid Hormone Biosynthesis

Application Details

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

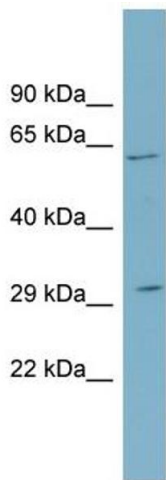
Handling

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.

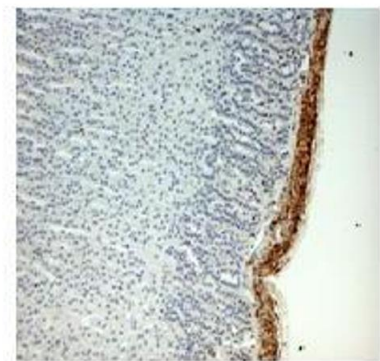
Publications

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



SRD5A2



Brown: SRD5A2
Blue: Nucleus

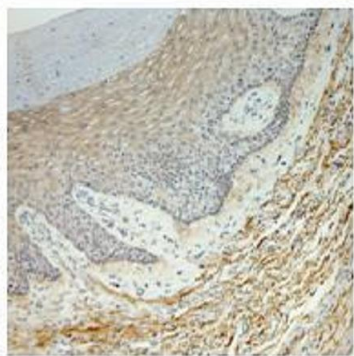
Western Blotting

Image 1. WB Suggested Anti-SRD5A2 Antibody Titration:
0.2-1 ug/ml Positive Control: THP-1 cell lysate

Immunohistochemistry

Image 2. Sample Type : Monkey adrenal gland Primary
Antibody Dilution : 1:25 Secondary Antibody: Anti-rabbit-HRP
Secondary Antibody Dilution: 1:1000 Color/Signal
Descriptions: Brown: SRD5A2 Blue: Nucleus Gene Name:
SRD5A2 Submitted by: Jonathan Bertin, Endoceutics Inc.

SRD5A2



Brown: SRD5A2
Blue: Nucleus

Immunohistochemistry

Image 3. Sample Type : Monkey vagina Primary Antibody Dilution : 1:25 Secondary Antibody: Anti-rabbit-HRP Secondary Antibody Dilution: 1:1000 Color/Signal Descriptions: Brown: SRD5A2 Blue: Nucleus Gene Name: SRD5A2 Submitted by: Jonathan Bertin, Endoceutics Inc.