

# SRD5A1 Antibody (Center)

Purified Rabbit Polyclonal Antibody (Pab) Catalog # AP22197c

#### **Product Information**

ApplicationWB, EPrimary AccessionP18405Other AccessionQ28891

**Reactivity** Human, Rat, Mouse

Host Rabbit
Clonality polyclonal
Isotype Rabbit IgG
Clone Names RB55221
Calculated MW 29459

#### **Additional Information**

**Gene ID** 6715

Other Names 3-oxo-5-alpha-steroid 4-dehydrogenase 1, 1.3.1.22, SR type 1, Steroid

5-alpha-reductase 1, S5AR 1, SRD5A1

**Target/Specificity** This SRD5A1 antibody is generated from a rabbit immunized with a KLH

conjugated synthetic peptide between 153-184 amino acids from the Central

region of human SRD5A1.

**Dilution** WB~~1:8000 E~~Use at an assay dependent concentration.

**Format** Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.

This antibody is purified through a protein A column, followed by peptide

affinity purification.

**Storage** Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store

at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions** SRD5A1 Antibody (Center) is for research use only and not for use in

diagnostic or therapeutic procedures.

#### **Protein Information**

Name SRD5A1 (HGNC:11284)

**Function** Converts testosterone into 5-alpha-dihydrotestosterone and progesterone

or corticosterone into their corresponding 5-alpha-3- oxosteroids. It plays a

central role in sexual differentiation and androgen physiology.

**Cellular Location** Microsome membrane; Multi-pass membrane protein. Endoplasmic reticulum

membrane; Multi-pass membrane protein

**Tissue Location** Liver and prostate (at a low level).

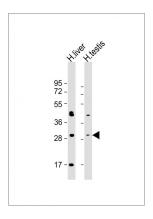
## **Background**

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#### References

Andersson S.,et al.Proc. Natl. Acad. Sci. U.S.A. 87:3640-3644(1990). Jenkins E.P.,et al.Genomics 11:1102-1112(1991). Yu W.,et al.Submitted (MAR-1998) to the EMBL/GenBank/DDBJ databases. Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000). Kalnine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

### **Images**



All lanes: Anti-SRD5A1 Antibody (Center) at 1:8000 dilution Lane 1: human liver lysate Lane 2: human testis lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 29 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.