

**SRD5A1 Antibody**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP51995**

**Specification**

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**SRD5A1 Antibody - Product Information**

Application	<b>WB, E</b>
Primary Accession	<a href="#">P18405</a>
Reactivity	<b>Human, Rat</b>
Host	<b>Rabbit</b>
Clonality	<b>Polyclonal</b>
Calculated MW	<b>26 KDa</b>

**SRD5A1 Antibody - Additional Information**

**Gene ID** 6715

**Other Names**

3-oxo-5-alpha-steroid 4-dehydrogenase 1, SR type 1, Steroid 5-alpha-reductase 1, S5AR 1, SRD5A1

**Format**

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

**Storage**

Store at -20 °C. Stable for 12 months from date of receipt

**SRD5A1 Antibody - 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).

**SRD5A1 Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **SRD5A1 Antibody - Images**

#### **SRD5A1 Antibody - Background**

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#### **SRD5A1 Antibody - 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.