

# SRD5A1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP51995

## Product Information

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|--------------------------|------------------------|
| <b>Application</b>       | WB                     |
| <b>Primary Accession</b> | <a href="#">P18405</a> |
| <b>Reactivity</b>        | Human, Rat             |
| <b>Host</b>              | Rabbit                 |
| <b>Clonality</b>         | Polyclonal             |
| <b>Calculated MW</b>     | 29459                  |

## Additional Information

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|---------------------------|---|
| <b>Gene ID</b>            | 6715  |
| <b>Other Names</b>        | 3-oxo-5-alpha-steroid 4-dehydrogenase 1, SR type 1, Steroid 5-alpha-reductase 1, S5AR 1, SRD5A1                                       |
| <b>Target/Specificity</b> | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human SRD5A1. The exact sequence is proprietary. |
| <b>Dilution</b>           | WB~~1:1000  |
| <b>Format</b>             | 0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%   |
| <b>Storage</b>            | Store at -20 °C.Stable for 12 months from date of receipt   |

## Protein Information

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|--------------------------|---|
| <b>Name</b>              | SRD5A1 ( <a href="#">HGNC:11284</a> )   |
| <b>Function</b>          | 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. |
| <b>Cellular Location</b> | Microsome membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein  |
| <b>Tissue Location</b>   | Liver and prostate (at a low level).  |

## Background

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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.

## References

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