

SRD5A1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51995

Product Information

| | |
|--------------------------|------------------------|
| Application | WB |
| Primary Accession | P18405 |
| Reactivity | Human, Rat |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 29459 |

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 |
| Target/Specificity | KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human SRD5A1. The exact sequence is proprietary. |
| Dilution | WB~~1:1000 |
| 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 |

Protein Information

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|--------------------------|--|
| 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

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

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).
Kalinine N.,et al.Submitted (MAY-2003) to the EMBL/GenBank/DDBJ databases.

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