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SRD5A1 Antibody (Center)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP22197c

Specification

SRD5A1 Antibody (Center) - Product Information

Application	**WB,E**
Primary Accession	P18405
Other Accession	Q28891
Reactivity	**Human**
Host	**Rabbit**
Clonality	**polyclonal**
Isotype	**Rabbit IgG**
Calculated MW	**29459**

SRD5A1 Antibody (Center) - 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

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.

SRD5A1 Antibody (Center) - 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

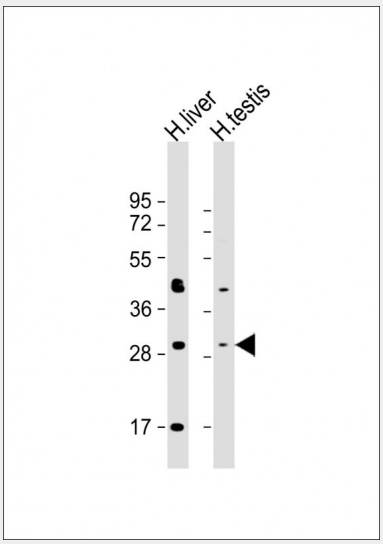
Tissue Location
Liver and prostate (at a low level).

SRD5A1 Antibody (Center) - Protocols

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

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SRD5A1 Antibody (Center) - 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.

SRD5A1 Antibody (Center) - 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.

SRD5A1 Antibody (Center) - 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).
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