

SRD5A1 / 5-alpha reductase 1 Antibody (N-Term)
Peptide-affinity purified goat antibody
Catalog # AF2430a

Specification

SRD5A1 / 5-alpha reductase 1 Antibody (N-Term) - Product Information

Application	IHC
Primary Accession	P18405
Other Accession	NP_001038.1 , 6715
Reactivity	Human
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	29459

SRD5A1 / 5-alpha reductase 1 Antibody (N-Term) - 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

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

SRD5A1 / 5-alpha reductase 1 Antibody (N-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

SRD5A1 / 5-alpha reductase 1 Antibody (N-Term) - 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

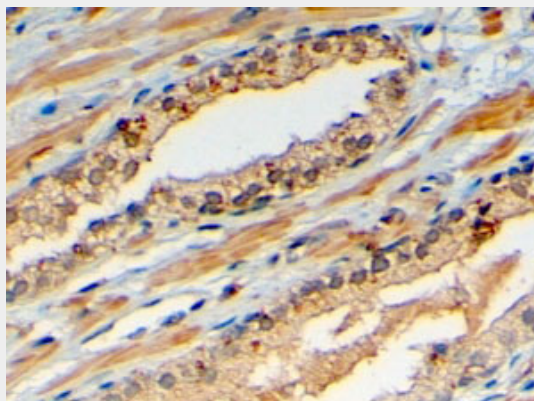
Liver and prostate (at a low level).

SRD5A1 / 5-alpha reductase 1 Antibody (N-Term) - 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 / 5-alpha reductase 1 Antibody (N-Term) - Images



AF2430a (4 µg/ml) staining of paraffin embedded Human Prostate. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

SRD5A1 / 5-alpha reductase 1 Antibody (N-Term) - References

The dual 5-alpha-reductase inhibitor dutasteride induces atrophic changes and decreases relative cancer volume in human prostate. Iczkowski KA, Qiu J, Qian J, Somerville MC, Rittmaster RS, Andriole GL, Bostwick DG. Urology. 2005 Jan;65(1):76-82. PMID: 15667867