

## ARG63734 anti-SRD5A1 / 5-alpha reductase 1 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes SRD5A1 / 5-alpha reductase 1
Tested Reactivity	Hu
Tested Application	IHC-P
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SRD5A1 / 5-alpha reductase 1
Species	Human
Immunogen	ATATGVAEERLLC
Conjugation	Un-conjugated
Alternate Names	3-oxo-5-alpha-steroid 4-dehydrogenase 1; S5AR 1; Steroid 5-alpha-reductase 1; EC 1.3.1.22; SR type 1

### Application Instructions

Application table	Application	Dilution
	IHC-P	4 - 6 µg/ml

**Application Note** IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0).  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

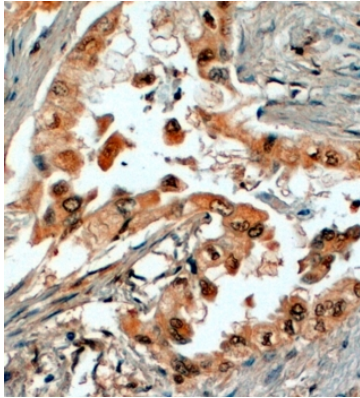
## Bioinformation

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Database links	<a href="#">GeneID: 6715 Human</a> <a href="#">Swiss-port # P18405 Human</a>
Gene Symbol	SRD5A1
Gene Full Name	steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1)
Background	Steroid 5-alpha-reductase (EC 1.3.99.5) catalyzes the conversion of testosterone into the more potent androgen, dihydrotestosterone (DHT). Also see SRD5A2 (MIM 607306).[supplied by OMIM, Mar 2008]
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. [UniProt]
Research Area	Neuroscience antibody; Signaling Transduction antibody
Calculated Mw	29 kDa

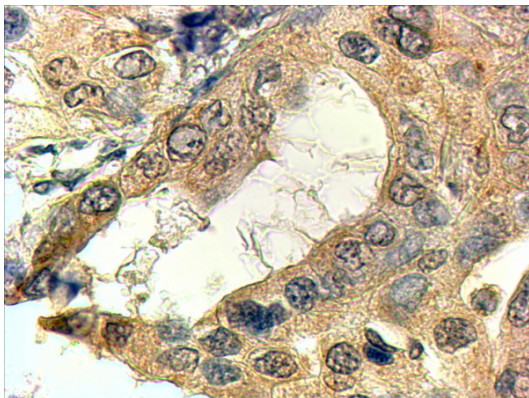
## Images

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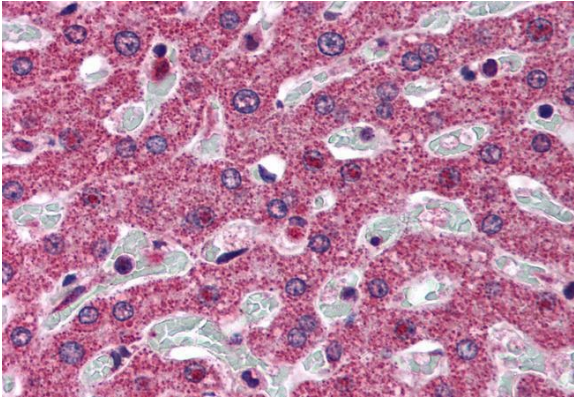
ARG63734 anti-SRD5A1 / 5-alpha reductase 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human prostate tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63734 anti-SRD5A1 / 5-alpha reductase 1 antibody at 4 µg/ml dilution followed by HRP-staining.



ARG63734 anti-SRD5A1 / 5-alpha reductase 1 antibody IHC-P image

Immunohistochemistry: paraffin embedded Human Prostate. (Steamed antigen retrieval with Tris/EDTA buffer pH 9) stained with ARG63734 anti-SRD5A1 / 5-alpha reductase 1 antibody at 4 µg/ml dilution followed by HRP-staining.



ARG63734 anti-SRD5A1 / 5-alpha reductase 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver tissue.  
Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG63734 anti-SRD5A1 / 5-alpha reductase 1 antibody at 5 µg/ml dilution followed by AP-staining.