

Product Datasheet

SRD5A1 Antibody H00006715-D01P

Unit Size: 0.1 mg

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 5

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/H00006715-D01P

Updated 6/27/2023 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/H00006715-D01P



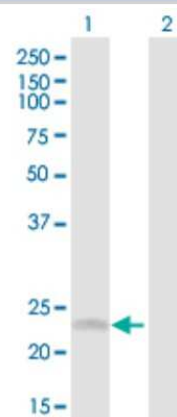
H00006715-D01P**SRD5A1 Antibody**

| Product Information | |
|------------------------------------|---|
| Unit Size | 0.1 mg |
| Concentration | Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services. |
| Storage | Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles. |
| Clonality | Polyclonal |
| Preservative | No Preservative |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | PBS (pH 7.4) |
| Product Description | |
| Description | Quality control test: Antibody reactive against mammalian transfected lysate. |
| Host | Rabbit |
| Gene ID | 6715 |
| Gene Symbol | SRD5A1 |
| Species | Human, Mouse, Rat |
| Reactivity Notes | Mouse reactivity reported in scientific literature (PMID: 28955722). Rat reactivity reported in scientific literature (DOI:10.4172/2155-6156.1000239). |
| Specificity/Sensitivity | Reacts with steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1). |
| Immunogen | SRD5A1 (NP_001038.1, 1 a.a. - 259 a.a.) full-length human protein. MATATGVAEERLLAALAYLQCAVGCAVFARNRQTNSVYGRHALPSHRLRVPA RAAWVVQELPSLALPLYQYASESAPRLRSAPNCILLAMFLVHYGHRCLIYPFLM RGGKPMPLACTMAIMFCTCNGYLQSRYLSCAVYADDWVTDPRFLIGFGLWL TGMLINIHS DHILRNLRKPGDTGYKIPRGGLFEYVTAANYFGEIMEWCGYALAS WSVQGAAFAFFTFCFLSGRAKEHHEWYLRKFEEYPKFRKIIPFLF |
| Notes | This product is produced by and distributed for Abnova, a company based in Taiwan. |
| Product Application Details | |
| Applications | Western Blot, Microarray |
| Recommended Dilutions | Western Blot, Microarray |
| Application Notes | This antibody is reactive against transfected lysate in WB and as a detection antibody in ELISA. Use in microarray reported in scientific literature (PMID: 28955722). |



Images

Western Blot: SRD5A1 Antibody [H00006715-D01P] - Analysis of SRD5A1 expression in transfected 293T cell line by SRD5A1 polyclonal antibody. Lane 1: SRD5A1 transfected lysate(29.50 KDa). Lane 2: Non-transfected lysate.



Publications

Sato K, Fujita S, Yamauchi H et al. The Exercise-Induced Improvement in hyperglycemia is Mediated by DHT Produced in the Skeletal Muscle of Zucker Diabetic Fatty Rats. J Diabetes Complications 2012-12-26 (WB, Rat)

Acharya KD, Nettles SA, Sellers KJ et al. The Progestin Receptor Interactome in the Female Mouse Hypothalamus: Interactions with Synaptic Proteins Are Isoform Specific and Ligand Dependent. eNeuro 2017-09-20 [PMID: 28955722] (MiAr, Mouse)

Horii N, Sato K, Mesaki N, Iemitsu M. Increased Muscular 5alpha-Dihydrotestosterone in Response to Resistance Training Relates to Skeletal Muscle Mass and Glucose Metabolism in Type 2 Diabetic Rats. PLoS One 2016-11-10 [PMID: 27832095]

Park JH, Aizawa K, Iemitsu M et al. DHEA Administration Activates Local Bioactive Androgen Metabolism in Cancellous Site of Tibia of Ovariectomized Rats. Calcif Tissue Int 2011-06-08 [PMID: 21656023]

Chang KH, Li R, Papari-Zareei M et al. Dihydrotestosterone synthesis bypasses testosterone to drive castration-resistant prostate cancer. Proc Natl Acad Sci U S A. 2011-07-27 [PMID: 21795608]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA

Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
novus@novusbio.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada

Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: technical@novusbio.com
Orders: orders@novusbio.com
General: novus@novusbio.com

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis.
Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/H00006715-D01P

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

