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Weitere Information auf den folgenden Seiten!
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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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SRD5A1 purified MaxPab rabbit polyclonal antibody (D01P) MaxPab®

Catalog # : H00006715-D01P

規格 : [100 ug]

[List All](#)

Specification

Product Description: Rabbit polyclonal antibody raised against a full-length human SRD5A1 protein.

Immunogen: SRD5A1 (NP_001038.1, 1 a.a. ~ 259 a.a) full-length human protein.

Sequence:
 MATATGVAEERLLAALAYLQCAVGCADFARNRQTNVYGRHALPSHRL
 RVPARAAWVQELPSLALPLYQYASESAPRLRSAPNCILLAMFLVHYGHR
 CLYFPFLMRGGKPMPLLACTMAIMFCTCNGYLQSRYLSHCAVYADDWVT
 DPRFLIGFGLWLTGMLNIHSDHILRNLRKPGDTGYKIPRGGLFEYVTAAN
 YFGEIMEWCGYALASWSVQGAFAFFTFCLSGRAKEHHEWYLRKFEE
 YPKFRKIIPFLF

Host: Rabbit

Reactivity: Human

Quality Control Testing: Antibody reactive against mammalian transfected lysate.

Storage Buffer: In 1x PBS, pH 7.4

Storage Instruction: Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Datasheet:  [Download](#)

Publication Reference

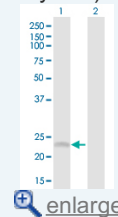
- [The Exercise-Induced Improvement in hyperglycemia is Mediated by DHT Produced in the Skeletal Muscle of Zucker Diabetic Fatty Rats.](#)
Sato K, Fujita S, Yamauchi H, Shiroya Y, Kitamura H, Minato K, Iemitsu M. J Diabetes Metab 4: 239. doi:10.4172/2155-6156.1000239
- [Dihydrotestosterone synthesis bypasses testosterone to drive castration-resistant prostate cancer.](#)
Chang KH, Li R, Papari-Zareei M, Watumull L, Zhao YD, Auchus RJ, Sharifi N. Proc Natl Acad Sci U S A. 2011 Aug 16;108(33):13728-33. Epub 2011 Jul 27.
- [DHEA Administration Activates Local Bioactive Androgen Metabolism in Cancellous Site of Tibia of Ovariectomized Rats.](#)
Park JH, Aizawa K, Iemitsu M, Sato K, Akimoto T, Agata U, Maeda S, Ezawa I, Omi N. Calcif Tissue Int. 2011 Jun 8. [Epub ahead of print]

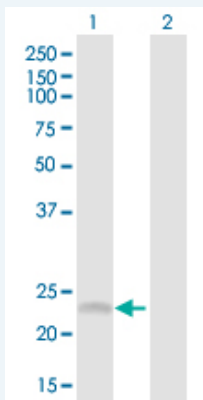
Applications

Western Blot (Transfected lysate)

Application Image

Western Blot (Transfected lysate)





Western Blot analysis of SRD5A1 expression in transfected 293T cell line ([H00006715-T03](#)) by SRD5A1 MaxPab polyclonal antibody.

Lane 1: SRD5A1 transfected lysate(29.50 KDa).
Lane 2: Non-transfected lysate.

 [Protocol Download](#)

Gene Information

Entrez GeneID: [6715](#)

GeneBank Accession#: [NM_001047.2](#)

Protein Accession#: [NP_001038.1](#)

Gene Name: SRD5A1

Gene Alias: -

Gene Description: steroid-5-alpha-reductase, alpha polypeptide 1 (3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1)

Omim ID: [184753](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: 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]

Other Designations: 3-oxo-5 alpha-steroid delta 4-dehydrogenase alpha 1,5-alpha reductase,OTTHUMP00000115519,steroid 5-alpha-reductase type I,steroid-5-alpha-reductase 1

Gene Pathway

[Androgen and estrogen metabolism](#)

Related Disease

[Alopecia](#) [Asperger Syndrome](#) [Atherosclerosis](#) [Autistic Disorder](#) [Breast Neoplasms](#) [Cardiovascular Diseases](#) [Diabetes Mellitus, Type 2](#) [Edema](#) [Genetic Predisposition to Disease](#) [Hirsutism](#) [Hyperandrogenism](#) [Kidney Failure, Chronic](#) [Lymphoma, Non-Hodgkin](#) [Male pattern baldness](#) [Neoplasms, Glandular and Epithelial](#) [Obesity](#) [Ovarian cancer](#) [Ovarian Failure, Premature](#) [Ovarian Neoplasms](#)

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