

SRD5A1 rabbit monoclonal antibody

Catalog # H00006715-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human SRD5A1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human SRD5A1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human SRD5A1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — SRD5A1

Entrez GeneID	6715
GeneBank Accession#	SRD5A1
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 II steroid-5-alpha-reductase 1

Pathway

- [Androgen and estrogen metabolism](#)

Disease

- [Alopecia](#)
- [Asperger Syndrome](#)
- [Atherosclerosis](#)
- [Autistic Disorder](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hirsutism](#)
- [Hyperandrogenism](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Male pattern baldness](#)
- [Neoplasms](#)
- [Obesity](#)
- [Ovarian cancer](#)
- [Ovarian Failure](#)
- [Ovarian Neoplasms](#)
- [Peripheral Vascular Diseases](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Hyperplasia](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Schizophrenia](#)
- [Social Perception](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)