

## ARG65801 anti-SRD5A1 / 5-alpha reductase 1 antibody

Package: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes SRD5A1 / 5-alpha reductase 1
Tested Reactivity	Hu, Rat
Tested Application	WB
Specificity	Recognizes endogenous levels of SRD5A1 protein.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	SRD5A1 / 5-alpha reductase 1
Species	Human
Immunogen	KLH-conjugated synthetic peptide around the C-terminus of Human SRD5A1.
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
	WB	1:500 - 1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

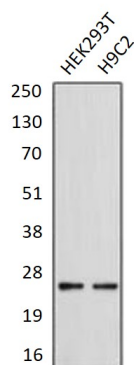
### Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	Liquid (pH 7.3), 0.42% Potassium phosphate, 0.87% NaCl, 0.01% Sodium azide and 30% Glycerol.
Preservative	0.01% Sodium azide
Stabilizer	30% Glycerol
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. 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

Database links	<a href="#">GeneID: 24950 Rat</a>
	<a href="#">GeneID: 6715 Human</a>
	<a href="#">Swiss-port # P18405 Human</a>
	<a href="#">Swiss-port # P24008 Rat</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]
Calculated Mw	29 kDa

## Images



ARG65801 anti-SRD5A1 / 5-alpha reductase 1 antibody WB image

Western blot: HEK293T and H9C2 whole cell lysates stained with ARG65801 anti-SRD5A1 / 5-alpha reductase 1 antibody.