

## ARG63698 anti-SRD5A2 / 5-alpha reductase 2 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes SRD5A2 / 5-alpha reductase 2
Tested Reactivity	Hu
Tested Application	WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	SRD5A2 / 5-alpha reductase 2
Species	Human
Immunogen	QVQCQQSPVLAG
Conjugation	Un-conjugated
Alternate Names	Type II 5-alpha reductase; SR type 2; EC 1.3.1.22; S5AR 2; 5 alpha-SR2; Steroid 5-alpha-reductase 2; 3-oxo-5-alpha-steroid 4-dehydrogenase 2

### Application Instructions

Application table	Application	Dilution
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. * 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 ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
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

[GeneID: 6716 Human](#)

[Swiss-port # P31213 Human](#)

### Background

This gene encodes a microsomal protein expressed at high levels in androgen-sensitive tissues such as the prostate. The encoded protein is active at acidic pH and is sensitive to the 4-azasteroid inhibitor finasteride. Deficiencies in this gene can result in male pseudohermaphroditism, specifically pseudovaginal perineoscrotal hypospadias (PPSH). [provided by RefSeq, Jul 2008]

### Research Area

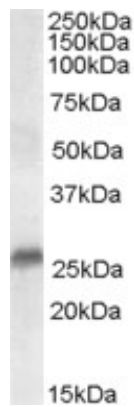
Cell Biology and Cellular Response antibody; Metabolism antibody; Signaling Transduction antibody

### Calculated Mw

28 kDa

## Images

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ARG63698 anti-SRD5A2 / 5-alpha reductase 2 antibody WB image

Western Blot: Human Prostate lysate (35 µg protein in RIPA buffer) stained with ARG63698 anti-SRD5A2 / 5-alpha reductase 2 antibody at 0.3 µg/ml dilution.