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SRD5A2 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF2925a

Specification

SRD5A2 Antibody (C-Term) - Product Information

Application	**WB, E**
Primary Accession	P31213
Other Accession	NP_000339.2, 6716, 64677 (rat)
Reactivity	**Human**
Predicted	**Rat, Pig, Dog**
Host	**Goat**
Clonality	**Polyclonal**
Concentration	**0.5 mg/ml**
Isotype	**IgG**
Calculated MW	**28407**

SRD5A2 Antibody (C-Term) - Additional Information

Gene ID 6716

Other Names
3-oxo-5-alpha-steroid 4-dehydrogenase 2, 1.3.1.22, 5 alpha-SR2, SR type 2, Steroid 5-alpha-reductase 2, S5AR 2, Type II 5-alpha reductase, SRD5A2

Dilution
WB~~1:1000
E~~N/A

Format
0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions
SRD5A2 Antibody (C-Term) is for research use only and not for use in diagnostic or therapeutic procedures.

SRD5A2 Antibody (C-Term) - Protein Information

Name SRD5A2

Function
Converts testosterone (T) into 5-alpha-dihydrotestosterone (DHT) and progesterone or corticosterone into their corresponding 5- alpha-3-oxosteroids. It plays a central role in sexual

differentiation and androgen physiology.

Cellular Location
Microsome membrane; Multi-pass membrane protein. Endoplasmic reticulum membrane; Multi-pass membrane protein

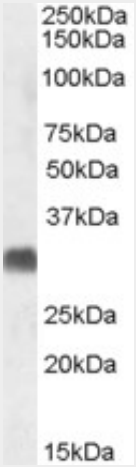
Tissue Location
Expressed in high levels in the prostate and many other androgen-sensitive tissues

SRD5A2 Antibody (C-Term) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

SRD5A2 Antibody (C-Term) - Images



AF2925a (1 µg/ml) staining of Human Testis lysate (35 µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

SRD5A2 Antibody (C-Term) - References

VDR and SRD5A2 polymorphisms combine to increase risk for prostate cancer in both non-Hispanic White and Hispanic White men. Torkko KC, van Bokhoven A, Mai P, Beuten J, Balic I, Byers TE, Hokanson JE, Norris JM, Barón AE, Lucia MS, Thompson IM, Leach RJ Clin. Cancer Res. 2008 May 14 (10): 3223-9. PMID: 18483391