

SRD5A2 Antibody (Center) Blocking peptide
Synthetic peptide
Catalog # BP5552c**Specification**

SRD5A2 Antibody (Center) Blocking peptide - Product Information

Primary Accession [P31213](#)
Other Accession [NP_000339.2](#)

SRD5A2 Antibody (Center) Blocking peptide - Additional Information

Gene ID 6716

Other Names

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

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

SRD5A2 Antibody (Center) Blocking peptide - 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 (Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

SRD5A2 Antibody (Center) Blocking peptide - Images**SRD5A2 Antibody (Center) Blocking peptide - 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).

SRD5A2 Antibody (Center) Blocking peptide - References

Thigpen, A.E., et al. N. Engl. J. Med. 327(17):1216-1219(1992) Thigpen, A.E., et al. J. Clin. Invest. 90(3):799-809(1992) Labrie, F., et al. Endocrinology 131(3):1571-1573(1992) Andersson, S., et al. Nature 354(6349):159-161(1991)