10320 Camino Santa Fe, Suite G
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SHBG Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP16796a

Specification

SHBG Antibody (N-term) Blocking Peptide - Product Information

Primary Accession P04278

SHBG Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 6462

Other Names
Sex hormone-binding globulin, SHBG, Sex steroid-binding protein, SBP, Testis-specific androgen-binding protein, ABP, Testosterone-estradiol-binding globulin, TeBG, Testosterone-estrogen-binding globulin, SHBG

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.

SHBG Antibody (N-term) Blocking Peptide - Protein Information

Name SHBG (HGNC:10839)

Function
Functions as an androgen transport protein, but may also be involved in receptor mediated processes. Each dimer binds one molecule of steroid. Specific for 5-alpha-dihydrotestosterone, testosterone, and 17-beta-estradiol. Regulates the plasma metabolic clearance rate of steroid hormones by controlling their plasma concentration.

Cellular Location
Secreted. Note=In testis, it is synthesized by the Sertoli cells, secreted into the lumen of the seminiferous tubule and transported to the epididymis.

Tissue Location
Isoform 1 and isoform 2 are present in liver and testis

SHBG Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

SHBG Antibody (N-term) Blocking Peptide - Images

SHBG Antibody (N-term) Blocking Peptide - Background

This gene encodes a steroid binding protein that was firstdescribed as a plasma protein secreted by the liver but is nowthought to participate in the regulation of steroid responses. Theencoded protein binds each steroid molecule as a dimer formed fromidentical or nearly identical monomers. The use of alternatepromoters and alternatively spliced transcripts have beendescribed. Multiple transcript variants encoding different isoformshave been found for this gene.

SHBG Antibody (N-term) Blocking Peptide - References

Canzian, F., et al. Hum. Mol. Genet. 19(19):3873-3884(2010)Xita, N., et al. Exp. Clin. Endocrinol. Diabetes (2010) In press :Diaz, M., et al. Fertil. Steril. (2010) In press :Hatzi, E., et al. Gynecol. Endocrinol. (2010) In press :Iwasaki, M., et al. Nutr Cancer 62(4):466-475(2010)