St John's Laboratory

Anti-SHBG antibody

St John's

Description	Unconjugated Rabbit polyclonal to SHBG

Model	STJ192249
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, WB
Gene ID	6462
Gene Symbol	SHBG
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	SHBG Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Isoform 1 and isoform 2 are present in liver and testis.
Purification	SHBG antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	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
Molecular Weight	44 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG

Formulation	Liquid form in PBS containing 50% glycerol,and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:10839OMIM:182205
Alternative 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
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 Localization	Secreted. In testis, it is synthesized by the Sertoli cells, secreted into the lumen of the seminiferous tubule and transported to the epididymis.
Post-translational Modifications	Variant Asn-356 contains one N-linked (GlcNAc...) at position 356.