

Rabbit SHBG Polyclonal Antibody | anti-SHBG antibody

SHBG Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40790	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

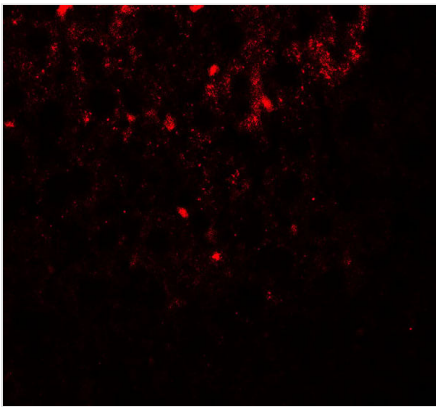
PRODUCT SYNONYMS

SHBG; Polyclonal Antibody; SHBG Antibody; Sex hormone-binding globulin; ABP; SBP; TEBG; sex hormone-binding globulin; anti-SHBG antibody

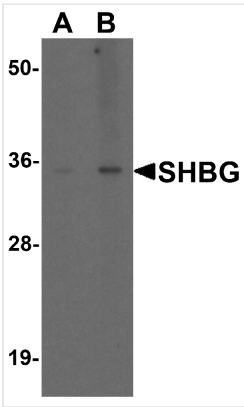
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	SHBG antibody is human, mouse, and rat reactive. At least three isoforms of SHBG are known to exist; this antibody will detect all three isoforms.
Purity/Purification	SHBG antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	402
Applicable Applications for anti-SHBG antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	SHBG antibody was raised against a 16 amino acid peptide near the center of human SHBG.
Buffer	SHBG antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	SHBG antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year.

IMAGES



IF (Immunofluorescence)
Immunofluorescence of SHBG in mouse liver tissue with SHBG antibody at 20 μg/ml.



WB (Western Blot)
Western blot analysis of SHBG in human liver tissue lysate with SHBG antibody at (A) 1 and (B) 2 μg/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-SHBG antibody	SHBG is a steroid binding protein that was first described as a plasma protein secreted by the liver and is thought to participate in the regulation of steroid responses. SHBG transports androgens and estrogens in the blood, binding each steroid molecule as a dimer formed from identical or nearly identical monomers (1). Low plasma SHBG levels are associated with obesity, abdominal adiposity, metabolic syndrome, and predict the development of type 2 diabetes (2,3). Polymorphisms in this gene have been associated with polycystic ovary syndrome and type 2 diabetes mellitus (4).
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NCBI AND UNIPROT INFORMATION

NCBI GI #	7382460
NCBI GeneID	6462
NCBI Accession #	NP_001031
NCBI GenBank Nucleotide #	NM_001040.4
Molecular Weight	Predicted: 25; 26; 31; 32; 38; 44 kDa Observed: 35 kDa
NCBI Official Full Name	sex hormone-binding globulin isoform 1
NCBI Official Synonym Full Names	sex hormone-binding globulin
NCBI Official Symbol	SHBG
NCBI Official Synonym Symbols	ABP; SBP; TEBG
NCBI Protein Information	sex hormone-binding globulin; sex steroid-binding protein; testosterone-binding beta-globulin; testosterone-estrogen-binding globulin; testosterone-estradiol-binding globulin; testis-specific androgen-binding protein
UniProt Protein Name	Sex hormone-binding globulin
UniProt Gene Name	SHBG
UniProt Synonym Gene Names	SHBG; SBP; ABP; TeBG
UniProt Entry Name	SHBG_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

