

Datasheet for ABIN738771
anti-SHBG antibody (AA 301-402)

3 Images

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Overview

Quantity:	100 µL
Target:	SHBG
Binding Specificity:	AA 301-402
Reactivity:	Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHBG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Paraffin- embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SHBG
Isotype:	IgG
Specificity:	This antibody will not recognize Isoform 2 or 4 of SHBG.
Cross-Reactivity:	Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SHBG
Alternative Name:	SHBG (SHBG Products)
Background:	<p>Synonyms: ABP, SBP, TEBG, Sex hormone-binding globulin, SHBG, Sex steroid-binding protein, Testis-specific androgen-binding protein, Testosterone-estradiol-binding globulin, Testosterone-estrogen-binding globulin</p> <p>Background: 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.</p>
Gene ID:	6462
UniProt:	P04278
Pathways:	Hormone Transport

Application Details

Application Notes:	WB 1:300-5000 ELISA 1:500-1000 IHC-P 1:200-400 IHC-F 1:100-500 IF(IHC-P) 1:50-200 IF(IHC-F) 1:50-200 IF(ICC) 1:50-200
Restrictions:	For Research Use only

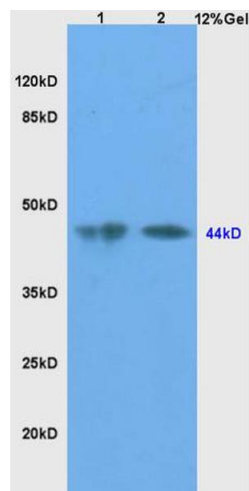
Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C

Handling

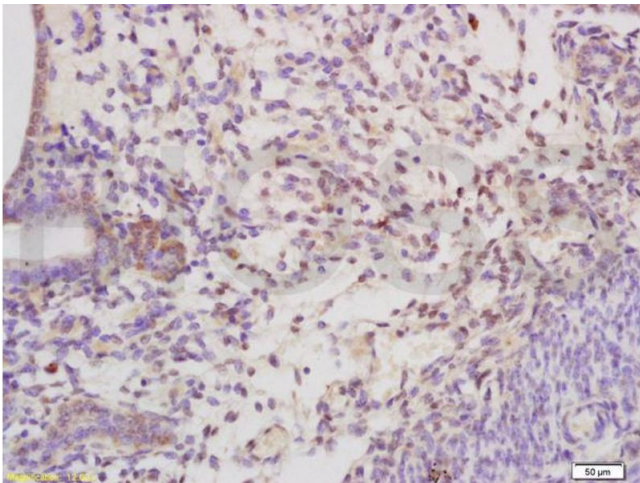
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Images



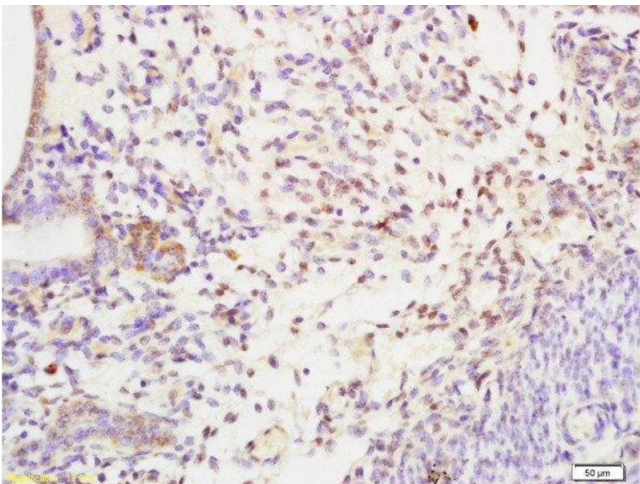
SDS-PAGE

Image 1. L1 mouse testis lysates, L2 mouse liver lysates probed with Anti-SHBG Polyclonal Antibody, Unconjugated (ABIN738771) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band and observed band size: 44kD



Immunohistochemistry

Image 2. Formalin-fixed and paraffin embedded rat uterus tissue labeled with Anti-SHBG Polyclonal Antibody, Unconjugated (ABIN738771) at 1:200 followed by conjugation to the secondary antibody and DAB staining



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Formalin-fixed and paraffin embedded rat uterus tissue labeled with Anti-SHBG Polyclonal Antibody, Unconjugated at 1:200 followed by conjugation to the secondary antibody and DAB staining