

Datasheet for ABIN739860
anti-SHBG antibody (AA 51-150)

3 Images

1 Publication

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Overview

Quantity:	100 µL
Target:	SHBG
Binding Specificity:	AA 51-150
Reactivity:	Rat, Mouse, Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SHBG antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), 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 ABP
Isotype:	IgG
Cross-Reactivity:	Cow, Mouse, Rat
Predicted Reactivity:	Human,Dog,Cow,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	SHBG
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Target Details

Alternative Name:	ABP/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 FCM 1:20-100 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

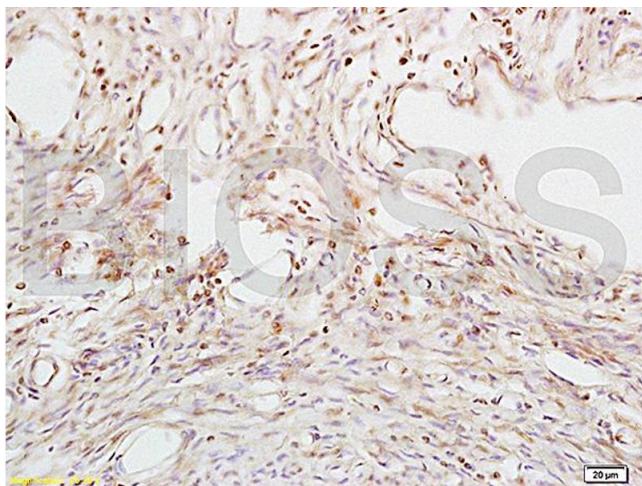
Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Expiry Date: 12 months

Publications

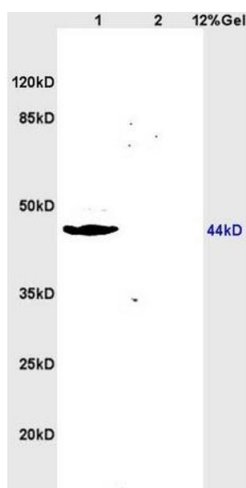
Product cited in: Liu, Su, Hao, Chen, Liu, Liao, Li: "Overexpression of PRL7D1 in Leydig Cells Causes Male Reproductive Dysfunction in Mice." in: **International journal of molecular sciences**, Vol. 17, Issue 1, (2016) ([PubMed](#)).

Images



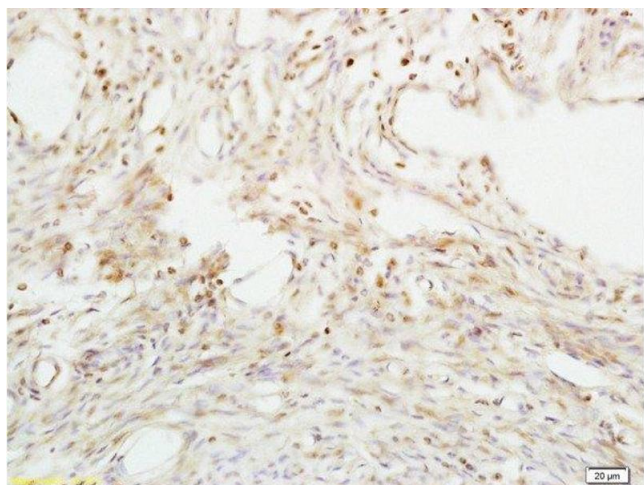
Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded mouse uterus tissue labeled with Anti-ABP/SHBG Polyclonal Antibody, Unconjugated (ABIN739860) at 1:200 followed by conjugation to the secondary antibody and DAB staining



SDS-PAGE

Image 2. Lane 1: rat heart lysates Lane 2: rat brain lysates probed with Anti ABP/SHBG Polyclonal Antibody, Unconjugated (ABIN739860) at 1:200 in 4 °C. Followed by conjugation to secondary antibody at 1:3000 90min in 37 °C. Predicted band 44kD. Observed band size: 44kD.



Immunohistochemistry (Paraffin-embedded Sections)

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