

For Research Use Only

# SHBG Polyclonal antibody

Catalog Number: 31025-1-AP



## Basic Information

Catalog Number:

31025-1-AP

Size:

300 µg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC101785

GeneID (NCBI):

6462

UNIPROT ID:

P04278

Full Name:

sex hormone-binding globulin

Calculated MW:

402 aa, 44 kDa

Observed MW:

40-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human

Positive Controls:

WB : human placenta tissue,

## Background Information

SHBG (sex hormone-binding globulin), also known as androgen-binding protein (ABP), is the specific transport protein for sex steroid hormones in humans. SHBG is synthesized mainly by the liver and circulates in the blood, in form of homodimer with a single steroid-binding site per dimer. In addition to the plasma SHBG, a testis isoform expressed by Sertoli cells also exists due to the gene alternative splicing. Various bands (44-56 kDa) recognized by this antibody may represent variably glycosylated or different isoforms of SHBG.

## Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

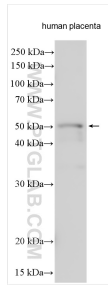
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W: [ptgcn.com](http://ptgcn.com)

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 31025-1-AP (SHBG antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.