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SHBG (N) Antibody, Rabbit Polyclonal

Cat#: R1589-1

Quantity: 100 ul

Predicted | Observed M.W.: 44 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P04278

Background:

Sex hormone-binding globulin (SHBG) functions as an androgen transport protein, but may also be involved in receptor mediated processes. Each dimer binds one molecule of steroid. SHBG is specific for 5-alpha-dihydrotestosterone, testosterone, and 17-beta-estradiol. SHBG regulates the plasma metabolic clearance rate of steroid hormones by controlling their plasma concentration.

Other Names:

Sex hormone-binding globulin, Sex steroid-binding protein, SBP, Testis-specific androgen-binding protein, ABP, Testosterone-estradiol-binding globulin, TeBG, Testosterone-estrogen-binding globulin

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing N-terminal region of human SHBG. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

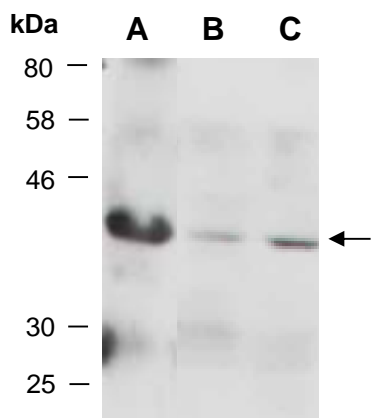


Fig 1. Western blot of total cell extracts from A) mouse brain; B) human HeLa; C) human Jurkat; using anti-SHBG (N) (R1589-1) at RT for 2 h.