

Human Serum albumin Rabbit pAb, Loading Control

Catalog Number: bs-0945R

Target Protein: Human Serum albumin

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human, Mouse, Rat, Goat (predicted:Dog)

Predicted MW: 69 kDa

Entrez Gene: 213

Swiss Prot: P02768

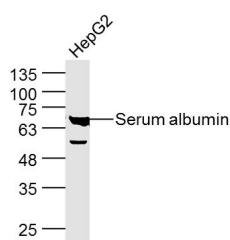
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 0.02% Proclin300 and 50% Glycerol.

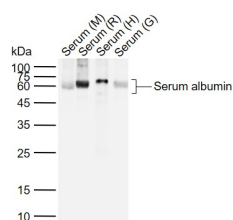
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes the most abundant protein in human blood. This protein functions in the regulation of blood plasma colloid osmotic pressure and acts as a carrier protein for a wide range of endogenous molecules including hormones, fatty acids, and metabolites, as well as exogenous drugs. Additionally, this protein exhibits an esterase-like activity with broad substrate specificity. The encoded preproprotein is proteolytically processed to generate the mature protein. A peptide derived from this protein, EPI-X4, is an endogenous inhibitor of the CXCR4 chemokine receptor. [provided by RefSeq, Jul 2016]

VALIDATION IMAGES



Sample: HepG2 Cell (Human) Lysate at 40 ug
Primary: Anti-Serum albumin (bs-0945R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 69 kD
Observed band size: 69 kD



Sample: Lane 1: Mouse Serum Lane 2: Rat Serum Lane 3: Human Serum Lane 4: Goat Serum Primary: Anti-Human Serum albumin (bs-0945R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 69 kDa Observed band size: 62 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=4.04] Xia, Tingting, et al. "A novel magnetic/photoluminescence bifunctional nanohybrid for the determination of trypsin." *Talanta* (2017). Other ; ="" . 28501171

[IF=3.998] Jik-Han Jung. et al. Dual size-exclusion chromatography for efficient isolation of extracellular vesicles from bone marrow derived human plasma. *Sci Rep-Uk*. 2021; 11: 217 WB ; Human . 33436891

[IF=4.1] Woojin Back. et al. Charge-Based Isolation of Extracellular Vesicles from Human Plasma. *ACS OMEGA*. 2024;XXXX(XXX):XXX-XXX WB ; Human . 38680311

[IF=2.775] Sheng Deng. et al. Xuefu Zhuyu decoction improves asthma-induced asthenozoospermia based on network pharmacology and in vivo experiment. 2021 Aug 10 WB,IHC ; Rat . 34375006

[IF=1.918] Wang J et al. Effect of Asthma on Erectile Dysfunction in Rats as Determined by Biological Network Analysis *Med Sci Monit*.2020 Dec 20;26:e927491. WB ; Rat . 33341820