bs-0945R

[Primary Antibody]

Human Serum albumin Rabbit pAb, Loading Control



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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GenelD: 213 **SWISS:** P02768

Target: Human Serum albumin **Purification:** affinity purified by Protein A

Concentration: 1mg/ml

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]

Applications: WB (1:500-2000)

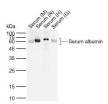
Reactivity: Human, Mouse, Rat, Goat

(predicted: Dog)

Predicted MW.: 69 kDa

Subcellular Location: Secreted

VALIDATION IMAGES



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

SELECTED CITATIONS —

- [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 AnalysisMed Sci Monit.2020 Dec 20;26:e927491. WB; Rat. 33341820