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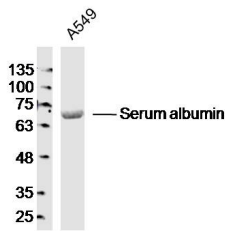
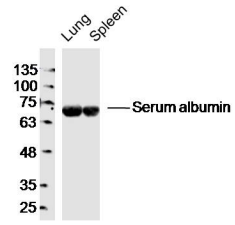
Albumin Rabbit pAb

Catalog Number:	bs-2256R
Target Protein:	Albumin
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Applications:	WB (1:500-2000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500)
Reactivity:	Human, Mouse
Predicted MW:	68 kDa
Source:	Mouse serum albumin purified from mouse serum: full length.
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]

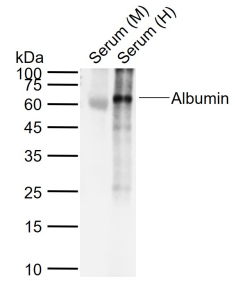
VALIDATION IMAGES



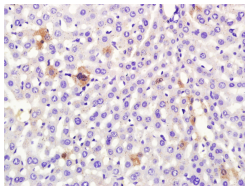
Sample: A549(Human) Cell Lysate at 30 ug Primary: Anti-Mouse serum albumin (bs-2256R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 68 kD Observed band size: 68 kD



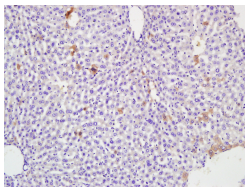
Sample: Lung (Mouse) Lysate at 40 ug Spleen (Mouse) Lysate at 40 ug Primary: Anti-Mouse serum albumin (bs-2256R) at 1/300 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 68 kD Observed band size: 68 kD



Sample: Lane 1: Mouse Serum Lane 2: Human Serum Primary: Anti-Albumin (bs-2256R) at 1/5000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 68 kDa Observed band size: 62 kDa



Paraformaldehyde-fixed, paraffin embedded (Mouse liver); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (Mouse serum albumin) Polyclonal Antibody, Unconjugated (bs-2256R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.



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PRODUCT SPECIFIC PUBLICATIONS

[IF=9.42] Aragon, Mario J., et al. "Serum-borne bioactivity caused by pulmonary multiwalled carbon nanotubes induces neuroinflammation via blood–brain barrier impairment." Proceedings of the National Academy of Sciences (2017): 201616070. IHC ; ="Mouse" . 28223486

[IF=5.5] Hangbing Cao. et al. Nicotine suppresses crystalline silica-induced astrocyte activation and neuronal death by inhibiting NF-κB in the mouse hippocampus. CNS NEUROSCI THER. 2023 Oct;: IF ; Mouse . 37864452

[IF=4.849] Scieszka David. et al. Neuroinflammatory and neurometabolomic consequences from inhaled wildfire smoke-derived particulate matter in the Western United States. Toxicol Sci. 2021 Dec;: IF ; Mouse . 34865172

[IF=4.9] Shin Koike. et al. Elucidating the Antiglycation Effect of Creatine on Methylglyoxal-Induced Carbonyl Stress In Vitro. INT J MOL SCI. 2024 Jan;25(20):10880 WB ; . 39456665

[IF=2.6] Chang Jiale. et al. Screening and expression validation of key proteins for secondary hair follicle growth in cashmere goats based on iTRAQ quantitative proteomics technology. FRONT VET SCI. 2024 Oct;11: WB,IHC ; Goat . 39474271