

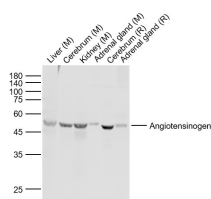
bs-0587R**[Primary Antibody]****Angiotensin II Rabbit pAb****Bioss**
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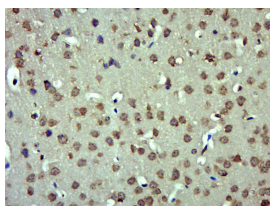
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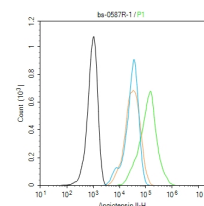
400-901-9800

— DATASHEET —**Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**Target:** Angiotensin II**Purification:** affinity purified by Protein A**Concentration:** 1mg/ml**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.**Background:** bs-0587R is a Eight branched multiple antigenic peptide of Angiotensin II.**Applications:** **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1ug/Test)**Reactivity:** Human, Mouse, Rat**Predicted MW.:** 53 kDa**Subcellular Location:** Secreted**— VALIDATION IMAGES —**

Sample: Lane 1: Liver (Mouse) Lysate at 40 ug
Lane 2: Cerebrum (Mouse) Lysate at 40 ug
Lane 3: Kidney (Mouse) Lysate at 40 ug
Lane 4: Adrenal gland (Mouse) Lysate at 40 ug
Lane 5: Cerebrum (Rat) Lysate at 40 ug
Lane 6: Adrenal gland (Rat) Lysate at 40 ug
Primary: Anti-Angiotensinogen (bs-0587R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 50-55 kD
Observed band size: 50 kD



Paraformaldehyde-fixed, paraffin embedded Mouse Cerebrum; Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min; Antibody incubation with Angiotensin II Polyclonal Antibody, Unconjugated (bs-0587R) at 1:400 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.



Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-Angiotensinogen II antibody (bs-0587R) Dilution: 1µg /10⁶ cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-AF647 Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 0.1% PBST for 20 min at room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

— SELECTED CITATIONS —

- **[IF=8.101]** Dongdong Fu. et al. Caveolin-1 alleviates acetaminophen-induced vascular oxidative stress and inflammation in non-alcoholic fatty liver disease. FREE RADICAL BIO MED. 2022 Dec;: WB ;Mouse, Human. 36596386
- **[IF=6.208]** Jiao Xin. et al. Caveolin-1 Alleviates Acetaminophen—Induced Hepatotoxicity in Alcoholic Fatty Liver Disease by Regulating the Ang II/EGFR/ERK Axis. INT J MOL SCI. 2022 Jan;23(14):7587 WB ;Mouse, Human. 35886933
- **[IF=4.8]** Lulu Li. et al. Mechanism of Green Tea Peptides in Lowering Blood Pressure and Alleviating Renal Injury Induced by Hypertension Through the Ang II/TGF-β1/SMAD Signaling Pathway. NUTRIENTS. 2025 Jan;17(8):1300 WB ;Rat. 40284165
- **[IF=3.65]** Anand, Uma, et al. "Mechanisms underlying clinical efficacy of Angiotensin II type 2 receptor (AT 2 R) antagonist EMA401 in neuropathic pain: clinical tissue and in vitro studies." Molecular pain 11.1 (2015): 1. IHC ;Human.

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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- **[IF=3.8]** Dawei Cheng, et al. Impact of black soybean peptides on intestinal barrier function and gut microbiota in hypertensive mice. J FUNCT FOODS. 2024 Dec;123:106608 WB ;Mouse. 10.1016/j.jff.2024.106608