bs-20101R **[Primary Antibody]**

Angiotensin III Rabbit pAb

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DATASHEET

Host: Rabbit
Isotype: IgG
Clonality: Polyclonal
GeneID: 183
SWISS: P01019
Target: Angiotensin III
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-0587P is a Eight branched multiple antigenic peptide of Angiotensin II.

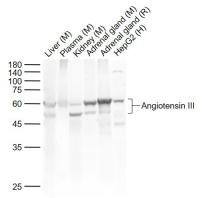
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1ug/Test)

Reactivity: Human, Mouse, Rat (predicted: Horse)

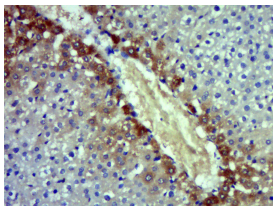
Predicted MW.: 1/50 kDa

Subcellular Location: Secreted

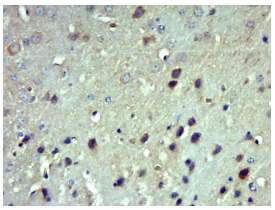
VALIDATION IMAGES



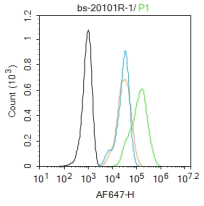
Sample: Lane 1: Liver (Mouse) Lysate at 40 ug Lane 2: Plasma (Mouse) at 20 ug Lane 3: Kidney (Mouse) Lysate at 40 ug Lane 4: Adrenal gland (Mouse) Lysate at 40 ug Lane 5: Adrenal gland (Rat) Lysate at 40 ug Lane 6: HepG2 (Human) Cell Lysate at 30 ug Primary: Anti-Angiotensin III (bs-20101R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 52/60 kD Observed band size: 52/60 kD



Paraformaldehyde-fixed, paraffin embedded (Rat 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 (Angiotensin III) Polyclonal Antibody, Unconjugated (bs-20101R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (Angiotensin III) Polyclonal Antibody, Unconjugated (bs-20101R) at 1:400 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructionsand DAB staining.



Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-Angiotensin III antibody (bs-20101R) Dilution: 1µg /10^6 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=3.367]** Hua Chen. et al. Chronic Intermittent Hypobaric Hypoxia Decreases High Blood Pressure by Stabilizing the Vascular Renin-Angiotensin System in Spontaneously Hypertensive Rats. Front Physiol. 2021; 12: 639454 IHC ;Rat. 33841179
- **[IF=3.2]** Delong Duo. et al. Long-term exposure to high-altitude hypoxic environments reduces blood pressure by inhibiting the renin-angiotensin system in rats. FRONT PHYSIOL. 2025 Apr;16:1565147 WB ;Rat. 40303590