

Angiotensin II Rabbit pAb

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Catalog # AP94686

Product Information

Application	WB, IHC-P, IHC-F, IF
Reactivity	Rat, Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	(DRVYIHPF-GG)8K4K2KG
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
DISEASE	Essential hypertension (EHT) [MIM:145500]: A condition in which blood pressure is consistently higher than normal with no identifiable cause. Note=Disease susceptibility is associated with variations affecting the gene represented in this entry. Renal tubular dysgenesis (RTD) [MIM:267430]: Autosomal recessive severe disorder of renal tubular development characterized by persistent fetal anuria and perinatal death, probably due to pulmonary hypoplasia from early-onset oligohydramnios (the Potter phenotype). Note=The disease is caused by mutations affecting the gene represented in this entry.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	bs-0587P is a Eight branched multiple antigenic peptide of Angiotensin II.

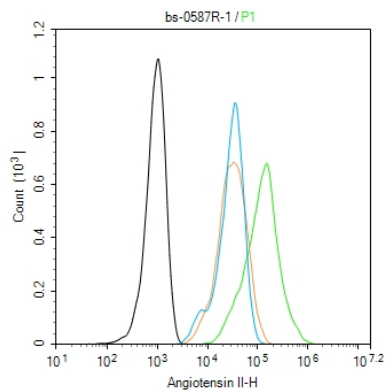
Additional Information

Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,Flow-Cyt=1ug/Test
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

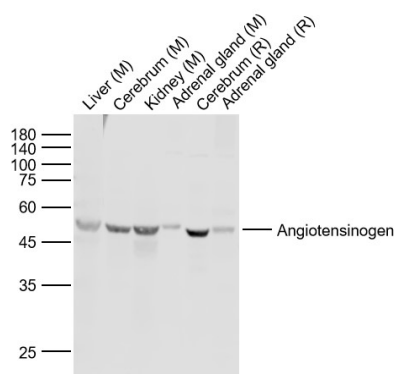
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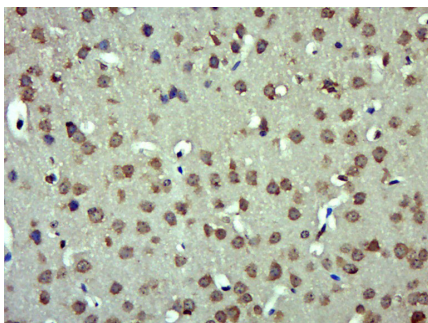
Images



Blank control: HepG2.
 Primary Antibody (green line): Rabbit
 Anti-Angiotensinogen II antibody (AP94686)
 Dilution: 1 μg / 10^6 cells;
 Isotype Control Antibody (orange line): Rabbit IgG .
 Secondary Antibody : Goat anti-rabbit IgG-AF647
 Dilution: 1 μg /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.



Sample:
 Lane 1: Liver (Mouse) Lysate at 40 μg
 Lane 2: Cerebrum (Mouse) Lysate at 40 μg
 Lane 3: Kidney (Mouse) Lysate at 40 μg
 Lane 4: Adrenal gland (Mouse) Lysate at 40 μg
 Lane 5: Cerebrum (Rat) Lysate at 40 μg
 Lane 6: Adrenal gland (Rat) Lysate at 40 μg
 Primary: Anti-Angiotensinogen (AP94686) 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 (AP94686) at 1:400 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit, SP-0023) and DAB (C-0010) staining.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.