

Product Datasheet

Angiotensin II Rabbit Polyclonal Antibody (orb312147)

Catalog Number	orb312147
Category	Antibodies
Description	Angiotensin II Rabbit Polyclonal Antibody
Target	AGT
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Human, Mouse, Rat
Form/Appearance	Liquid
Concentration	1mg/ml
Buffer/Preservatives	0.01M TBS (pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
Purification	Affinity purified by Protein A
Immunogen	(DRVYIHPF-GG)8K4K2KG
MW	53 kDa
Tested applications	FC, IF, IHC-Fr, IHC-P, WB

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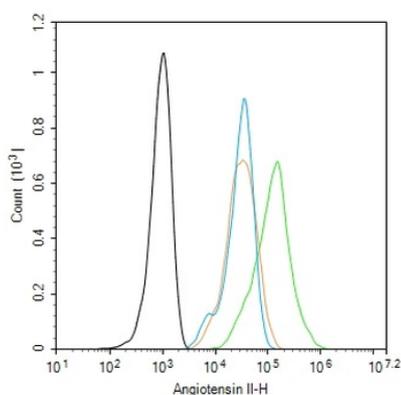
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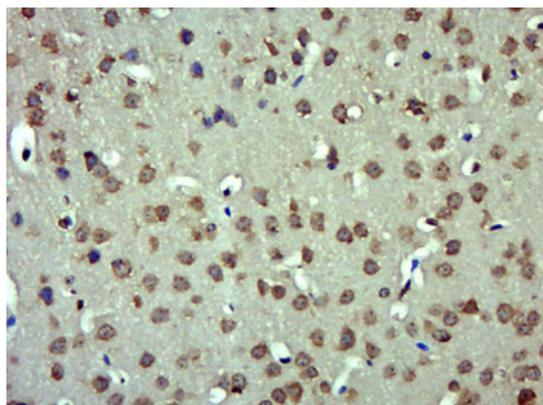
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Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1ug/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-Angiotensinogen II antibody (orb312147), dilution: 1 $\mu\text{g}/10^6$ cells, Isotype Control Antibody (orange line): Rabbit IgG. Secondary Antibody: Goat anti-rabbit IgG-AF647, dilution: 1 $\mu\text{g}/\text{Test}$. Protocol, The cells were fixed with 4% PFA (10 min 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 20000 events was performed.



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 (orb312147) at 1:400 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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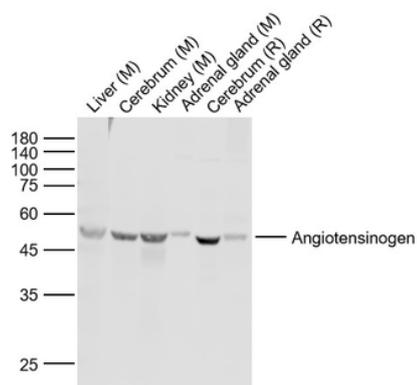
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Sample: Lane 1: Liver (Mouse) Lysate at 40 ug, Lane 2: Cerebrum (Mouse) Lysate at 40 ug, Lane 3: Kidney (Mouse) Lysate at 40 ug, Lane 4: Adrenal gland (Mouse) Lysate at 40 ug, Lane 5: Cerebrum (Rat) Lysate at 40 ug, Lane 6: Adrenal gland (Rat) Lysate at 40 ug, Primary: Anti-Angiotensinogen (orb312147) 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.

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