

Product Datasheet

Angiotensin III Rabbit Polyclonal Antibody (orb312154)

Catalog Number	orb312154
Category	Antibodies
Description	Angiotensin III Rabbit Polyclonal Antibody
Target	AGT
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Equine
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	KLH conjugated synthetic peptide of human Angiotensin III (RVYIHPF)
UniProt ID	P01019
MW	1/50 kDa

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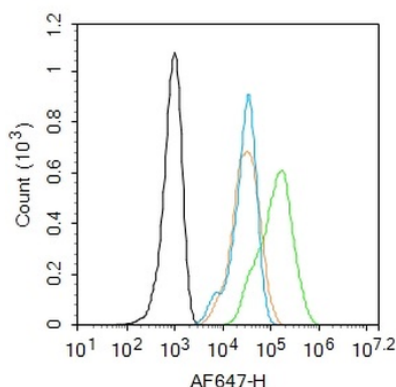
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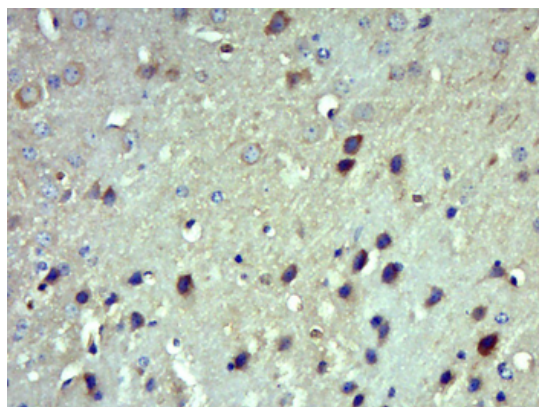
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Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1ug/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage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



Blank control: HepG2. Primary Antibody (green line): Rabbit Anti-Angiotensin III antibody (orb312154), dilution: 1 µg/10⁶ 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 (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 brain), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Angiotensin III) Polyclonal Antibody, Unconjugated (orb312154) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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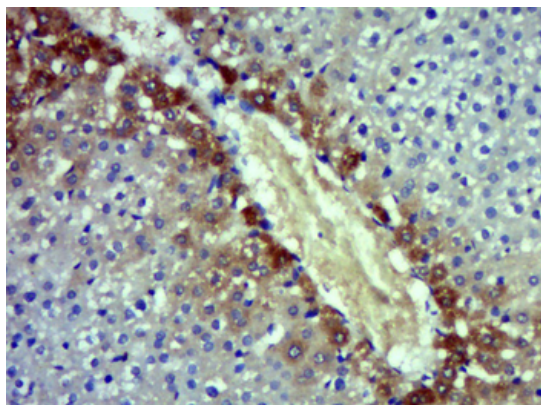
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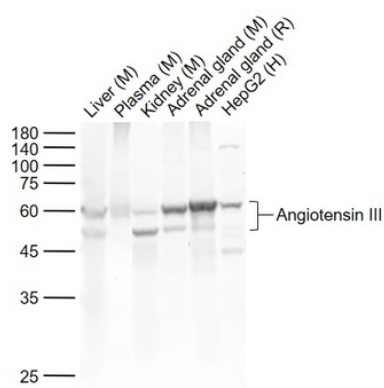
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Paraformaldehyde-fixed, paraffin embedded (Rat liver), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (Angiotensin III) Polyclonal Antibody, Unconjugated (orb312154) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



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 (orb312154) 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.

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