

Product Datasheet

Angiotensin II type 1A receptor Rabbit Polyclonal Antibody (orb13241)

Catalog Number	orb13241
Category	Antibodies
Description	Angiotensin II type 1A receptor Rabbit Polyclonal Antibody
Target	AGTR1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Mouse, Rat
Predicted Reactivity	Human
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 derived from human Angiotensin II type 1A receptor (101-200/359aa)
UniProt ID	P30556

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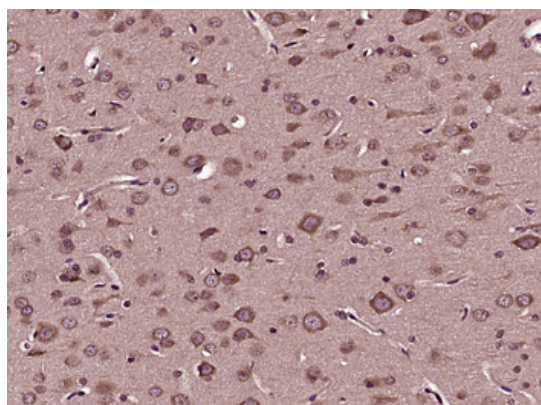
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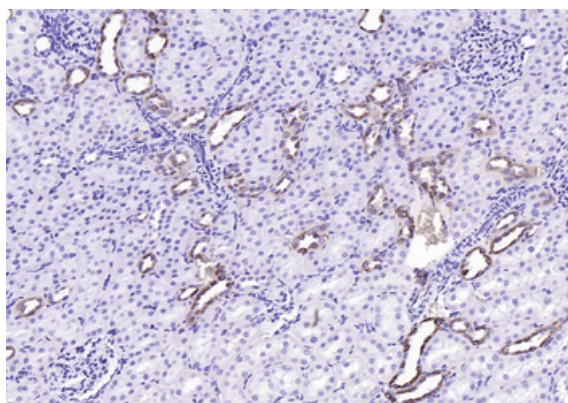
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RRID	AB_10752182
MW	51 kDa
Tested applications	IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term 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.



Paraformaldehyde-fixed, paraffin embedded (Rat 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 II type 1A receptor) Polyclonal Antibody, Unconjugated (orb13241) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (rat kidney), 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 II type 1A receptor) Polyclonal Antibody, Unconjugated (orb13241) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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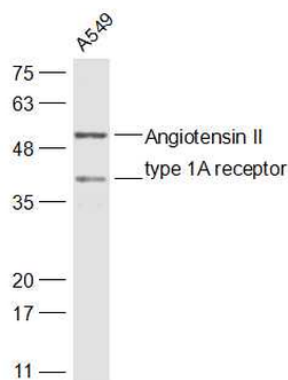
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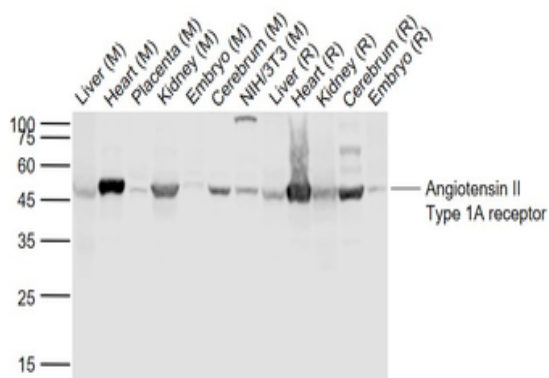
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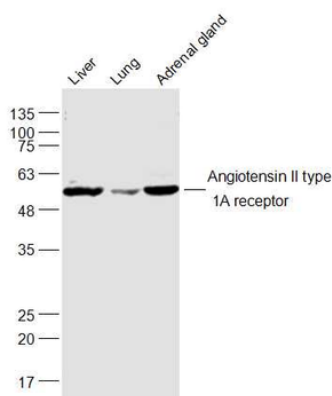
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Sample: A549 (Human) Cell Lysate at 430 ug, Primary: Anti-Angiotensin II type 1A receptor (orb13241) at 1/500 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 41 kD, Observed band size: 41/51 kD.



Sample: Lane 1: Liver (Mouse) Lysate at 40 ug, Lane 2: Heart (Mouse) Lysate at 40 ug, Lane 3: Placenta (Mouse) Lysate at 40 ug, Lane 4: Kidney (Mouse) Lysate at 40 ug, Lane 5: Embryo (Mouse) Lysate at 40 ug, Lane 6: Cerebrum (Mouse) Lysate at 40 ug, Lane 7: NIH/3T3 (Mouse) cell Lysate at 30 ug, Lane 8: Liver (Rat) Lysate at 40 ug, Lane 9: Heart (Rat) Lysate at 40 ug, Lane 10: Kidney (Rat) Lysate at 40 ug, Lane 11: Cerebrum (Rat) Lysate at 40 ug, Lane 12: Embryo (Rat) Lysate at 40 ug, Primary: Anti-Angiotensin II type 1A receptor (orb13241) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 43 kD, Observed band size: 46 kD.



Sample: Liver (Mouse) Lysate at 40 ug, Lung (Mouse) Lysate at 40 ug, Adrenal gland (Rat) Lysate at 40 ug, Primary: Anti-Angiotensin II type 1A receptor (orb13241) at 1/1000 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 41 kD, Observed band size: 56 kD.

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