

Product Datasheet

Angiotensin II Type 1 Receptor Rabbit Polyclonal Antibody (orb4245)

Catalog Number	orb4245
Category	Antibodies
Description	Angiotensin II Type 1 Receptor Rabbit Polyclonal Antibody
Target	AGTR1
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
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	KLH conjugated synthetic peptide derived from human AT1R (151-250/359aa)
UniProt ID	P30556
MW	49 kDa
Tested applications	IF, IHC-Fr, IHC-P, WB

Biorbyt Ltd.

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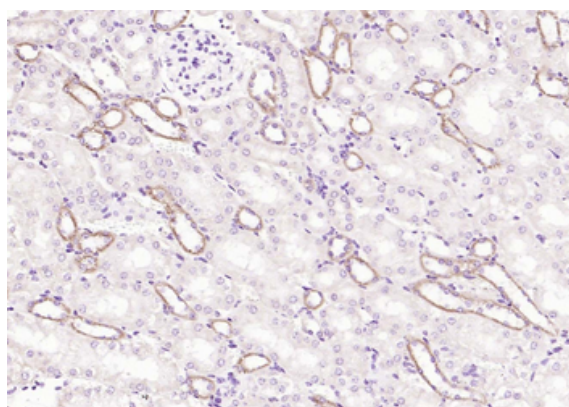
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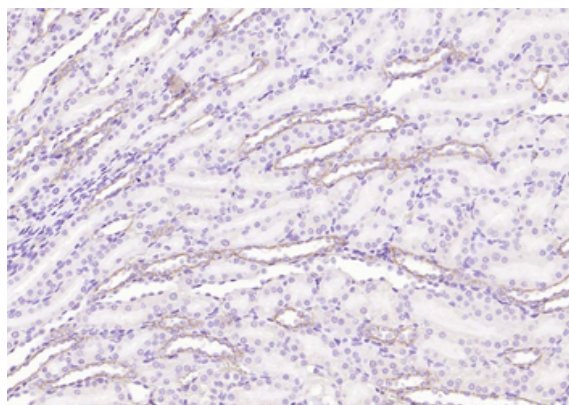
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Dilution range	WB (Human, Mouse): 1:500-2000 IHC-P/IHC-F (Human, Mouse, Rat): 1:100-500 IF (Human, Mouse, Rat): 1:100-500
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C 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 (mouse 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 1 Receptor) Polyclonal Antibody, Unconjugated (orb4245) at 1:200 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 1 Receptor) Polyclonal Antibody, Unconjugated (orb4245) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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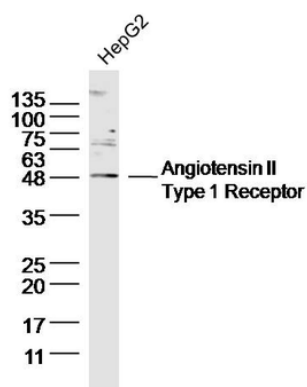
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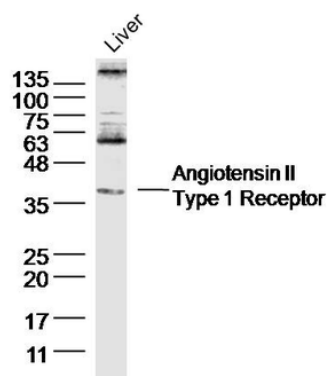
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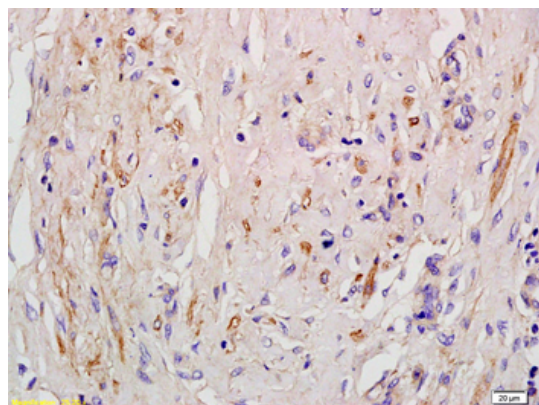
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Sample: HepG2 (human) cell Lysate at 40 ug, Primary: Anti-Angiotensin II Type 1 Receptor (orb4245) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 39kD, Observed band size: 49kD.



Sample: Liver (mouse) Lysate at 40 ug, Primary: Anti-Angiotensin II Type 1 Receptor (orb4245) at 1/300 dilution, Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 39kD, Observed band size: 36kD.



Tissue/Cell: human pneumonia tissue, 4% Paraformaldehyde-fixed and paraffin-embedded, Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15 min, Block endogenous peroxidase by 3% Hydrogen peroxide for 30 min, Blocking buffer (normal goat serum) at 37°C for 20 min, Incubation: Anti-AT1R/AGTR1 Polyclonal Antibody, Unconjugated (orb4245) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody and DAB staining.

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