

## Product Datasheet

# AQP1 Recombinant Rabbit Monoclonal Antibody (orb1974600)

<b>Catalog Number</b>	orb1974600
<b>Category</b>	Antibodies
<b>Description</b>	AQP1 Recombinant Rabbit Monoclonal Antibody
<b>Target</b>	AQP1
<b>Clonality</b>	Recombinant
<b>Species/Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human, Mouse, Rat
<b>Predicted Reactivity</b>	Mouse, Rat
<b>Form/Appearance</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Buffer/Preservatives</b>	0.01M TBS(pH7.4) with 1% rAlbumin, 0.02% Proclin300 and 50% Glycerol.
<b>Purification</b>	Affinity purified by Protein A
<b>Immunogen</b>	A synthesized peptide derived from human Aquaporin 1 (214-269aa)
<b>UniProt ID</b>	<b>P29972</b>
<b>MW</b>	28 kDa

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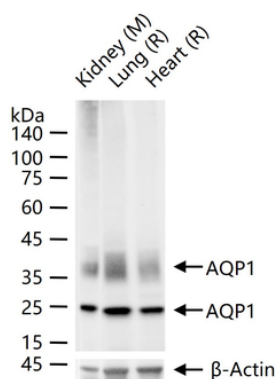
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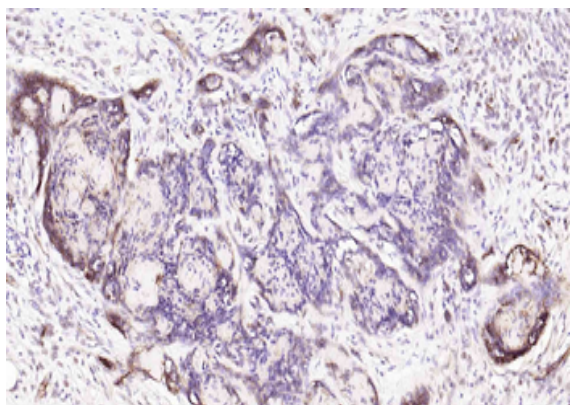
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<b>Tested applications</b>	IF, IHC-Fr, IHC-P, WB
<b>Dilution range</b>	WB=1:1000-5000, IF=1:200-1000, IHC-P=1:200-1000, IHC-F=1:200-1000
<b>Antibody Type</b>	Primary Antibody
<b>Clone Number</b>	2H11
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



25 ug total protein per lane of various lysates probed with AQP1 monoclonal antibody, unconjugated (orb1974600) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.



Paraformaldehyde-fixed, paraffin embedded Human Breast Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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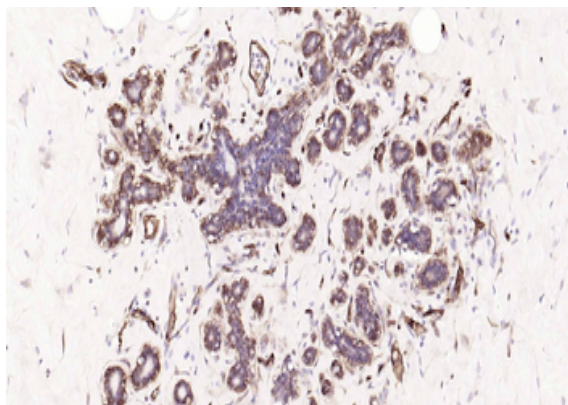
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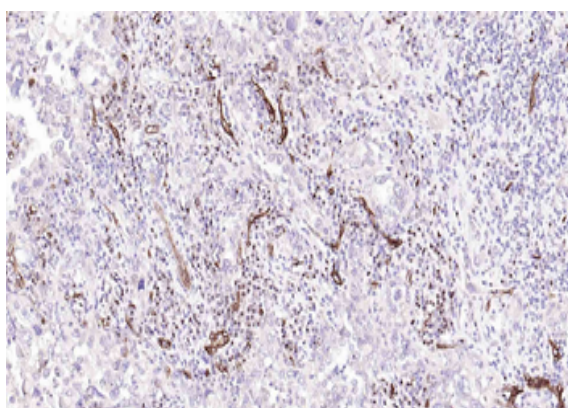
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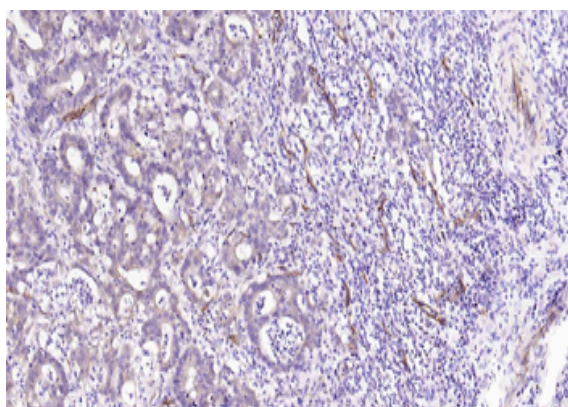
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Paraformaldehyde-fixed, paraffin embedded Human Breast, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Cervical Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Colon Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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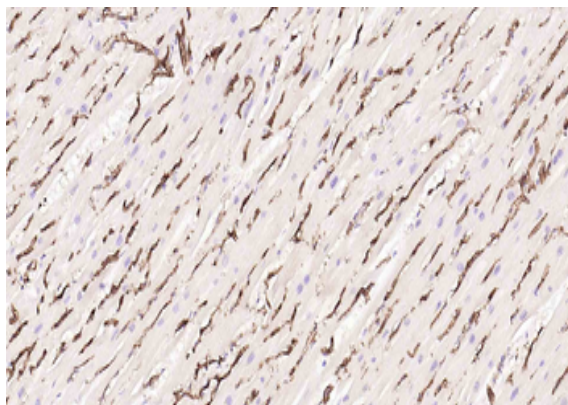
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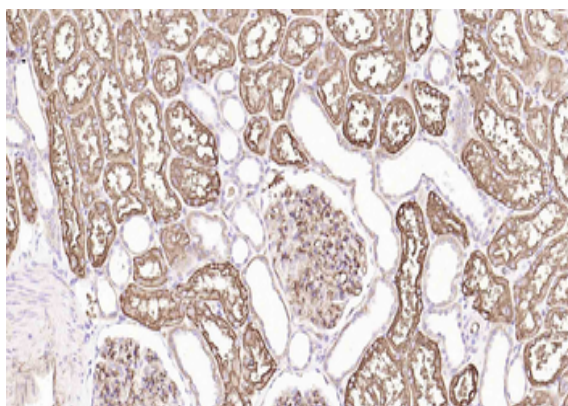
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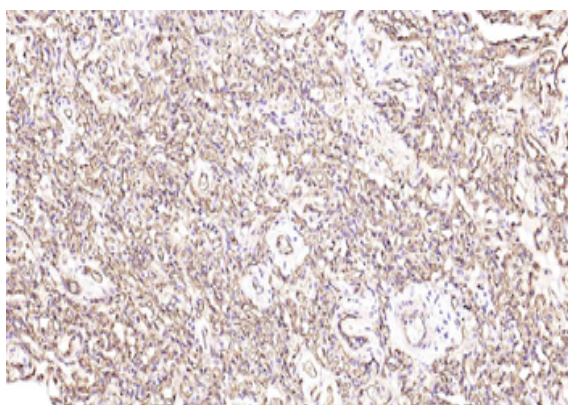
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Paraformaldehyde-fixed, paraffin embedded Human Heart, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Kidney, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Lung Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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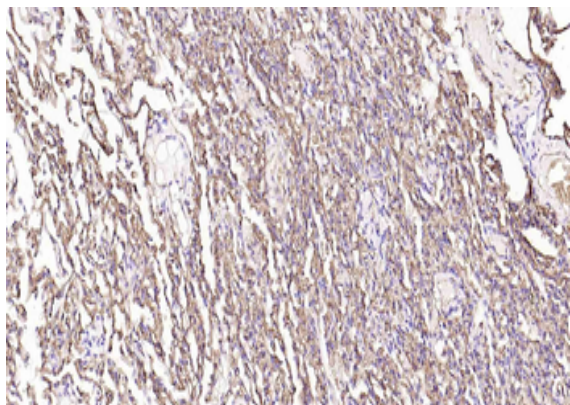
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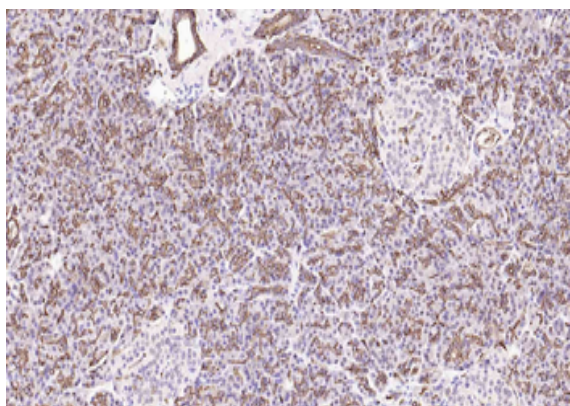
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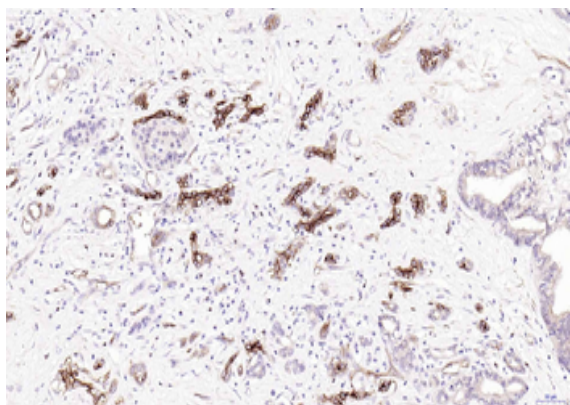
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Paraformaldehyde-fixed, paraffin embedded Human Lung, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Pancreas, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Human Pancreatic Cancer, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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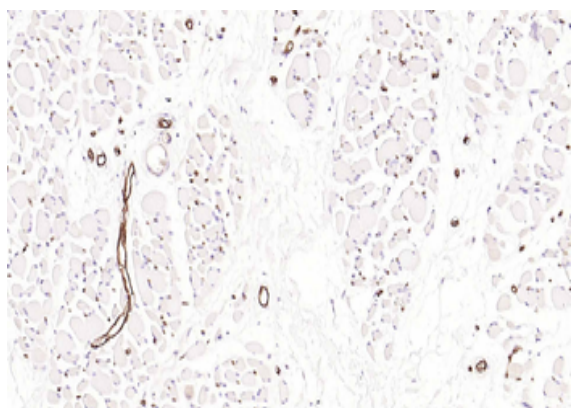
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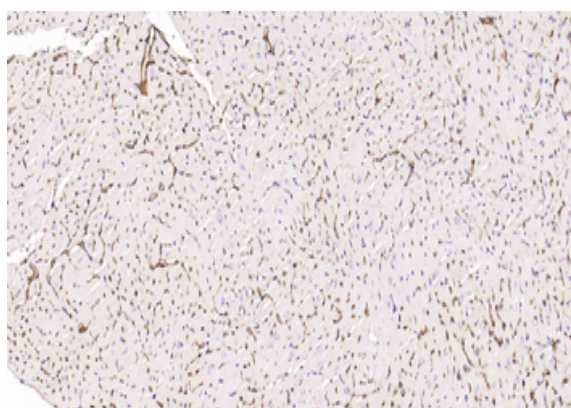
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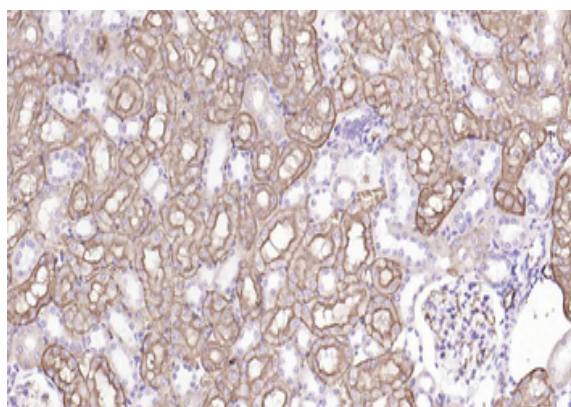
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Paraformaldehyde-fixed, paraffin embedded Human Skeletal muscle, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Heart, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Kidney, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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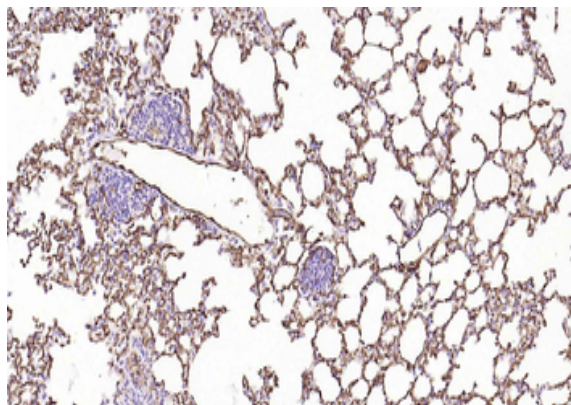
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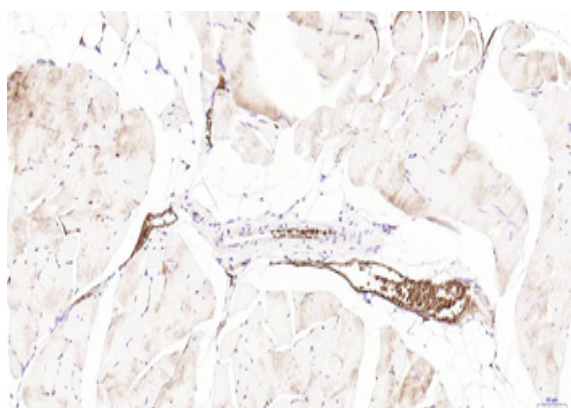
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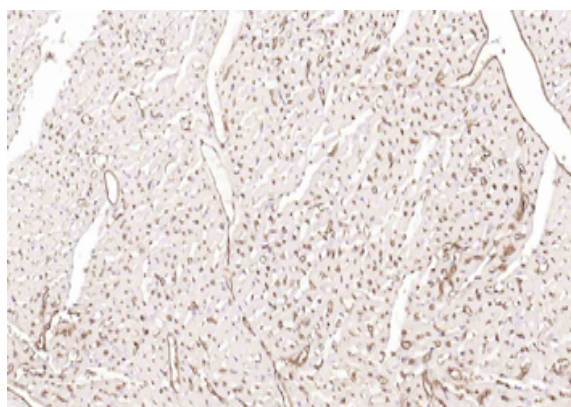
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Paraformaldehyde-fixed, paraffin embedded Mouse Lung, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Mouse Skeletal muscle, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Rat Heart, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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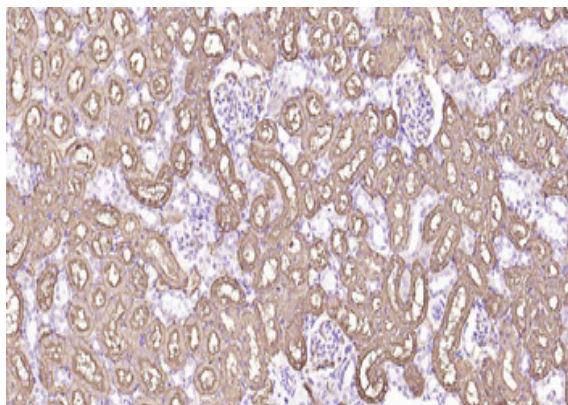
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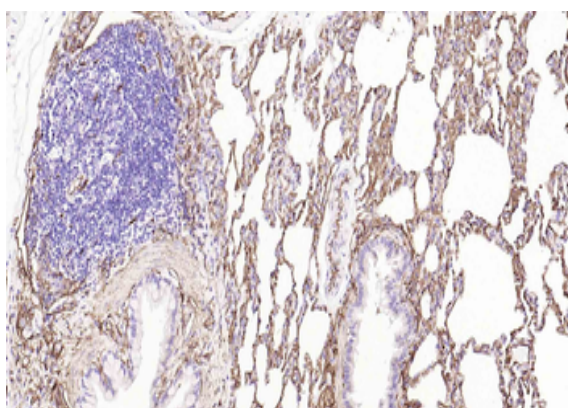
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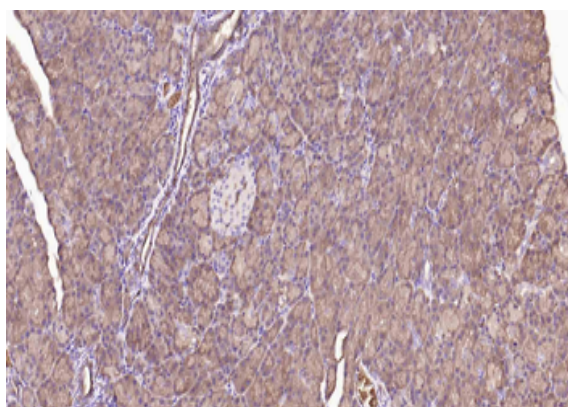
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Paraformaldehyde-fixed, paraffin embedded Rat Kidney, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Rat Lung, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.



Paraformaldehyde-fixed, paraffin embedded Rat Pancreas, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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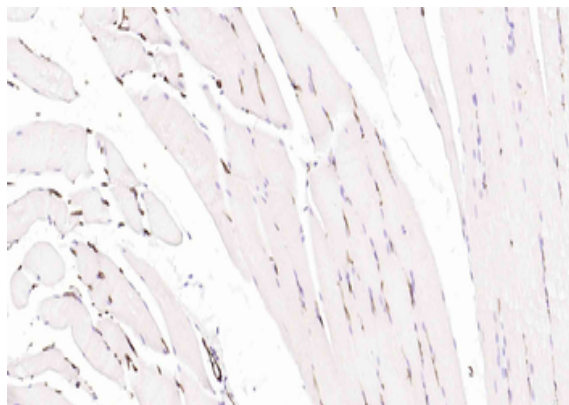
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Paraformaldehyde-fixed, paraffin embedded Rat Skeletal muscle, Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Antibody incubation with AQP1 Monoclonal Antibody, Unconjugated (orb1974600) at 1:200 overnight at 4°C, followed by conjugation to the SP Kit (Rabbit) and DAB staining.

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