

Product Datasheet

ATG5/APG5L Rabbit Polyclonal Antibody (orb5704)

Catalog Number	orb5704
Category	Antibodies
Description	ATG5/APG5L Rabbit Polyclonal Antibody
Target	ATG5
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse, Rat
Predicted Reactivity	Bovine, Canine, Equine, Gallus, Porcine, Rabbit
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 APG5L (101-200/275aa)
UniProt ID	Q9H1Y0
RRID	AB_10926251
MW	47 kDa

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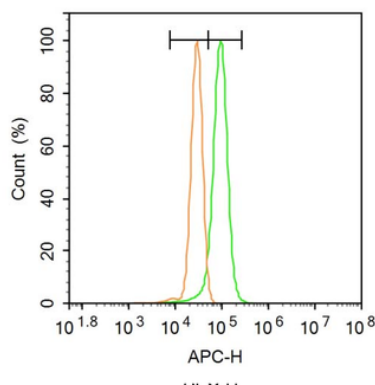
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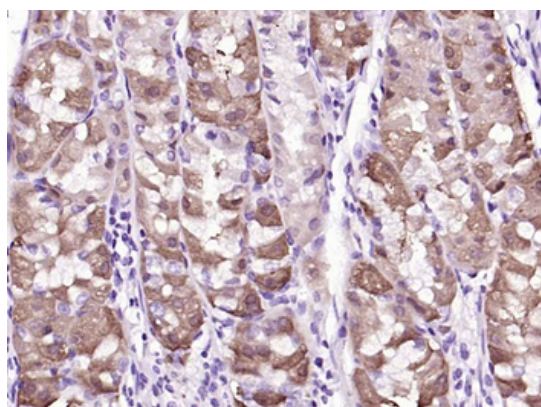
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Tested applications	FC, IF, IHC-Fr, IHC-P, WB
Dilution range	WB=1:500-2000, IHC-P=1:100-500, IHC-F=1:100-500, IF=1:100-500, Flow-Cyt=1ug/Test
Antibody Type	Primary Antibody
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage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



Blank control: A431. Primary Antibody (green line): Rabbit Anti-ATG5 antibody (orb5704), 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 (human gastric), 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 (ATG5) Polyclonal Antibody, Unconjugated (orb5704) at 1:200 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.

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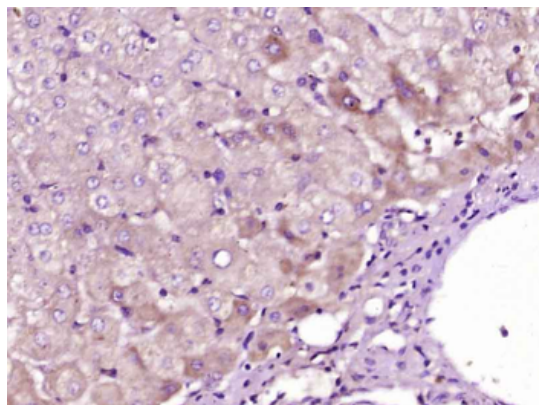
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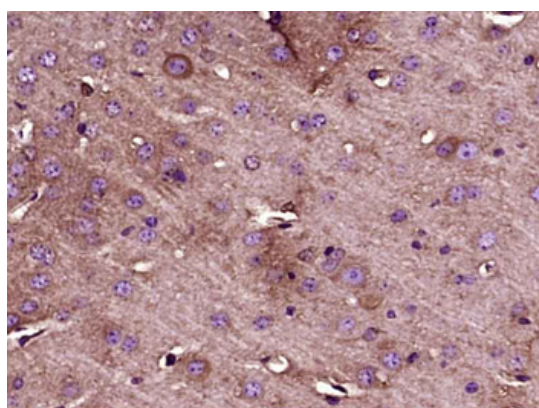
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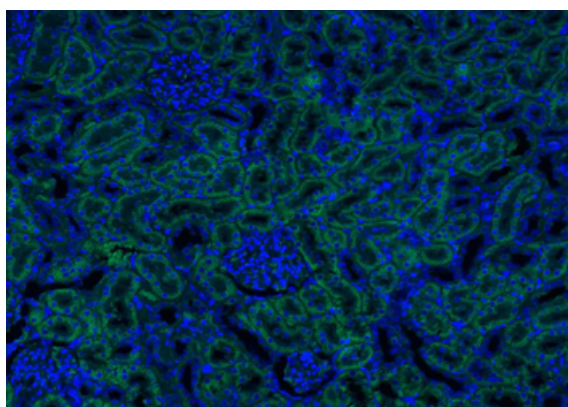
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Paraformaldehyde-fixed, paraffin embedded (Human liver carcinoma), Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15 min, Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ATG5) Polyclonal Antibody, Unconjugated (orb5704) at 1:400 overnight at 4°C, followed by operating according to SP Kit (Rabbit) instructions and DAB staining.



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 (ATG5) Polyclonal Antibody, Unconjugated (orb5704) 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, Blocking buffer (normal goat serum) at 37°C for 30 min, Antibody incubation with (ATG5/APG5L) Polyclonal Antibody, Unconjugated (orb5704) at 1:200 overnight at 4°C, followed by a conjugated Goat Anti-rabbit IgG antibody for 90 minutes, and DAPI for nuclei staining.

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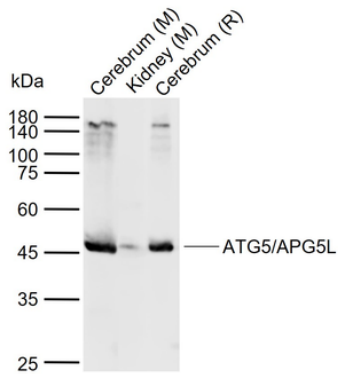
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Sample: Lane 1: Mouse Cerebrum tissue lysates, Lane 2: Mouse Kidney tissue lysates, Lane 3: Rat Cerebrum tissue lysates,
Primary: Anti-ATG5/APG5 (orb5704) at 1/1000 dilution,
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution, Predicted band size: 32 kDa, Observed band size: 47 kDa.

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