

Product Datasheet

ATG9A Antibody (C-term) (orb1933423)

Description	Purified Rabbit Polyclonal Antibody (Pab)
Species/Host	Rabbit
Reactivity	Human
Conjugation	Unconjugated
Tested Applications	IF, IHC-P, WB
Target	This ATG9A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 717-746 amino acids from the C-terminal region of human ATG9A.
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
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
Isotype	Rabbit IgG
Clonality	Polyclonal
Clone Number	RB7505, RB7506
Antibody Type	Primary Antibody
MW	94447 Da
Uniprot ID	Q7Z3C6
NCBI	NP_076990.4, NP_001070666.1

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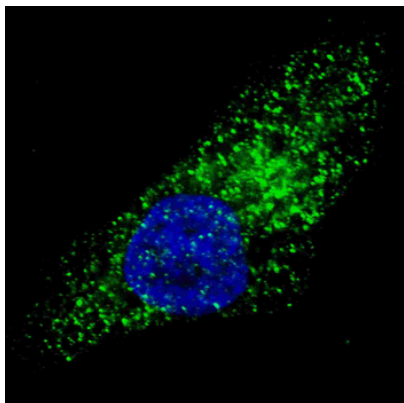
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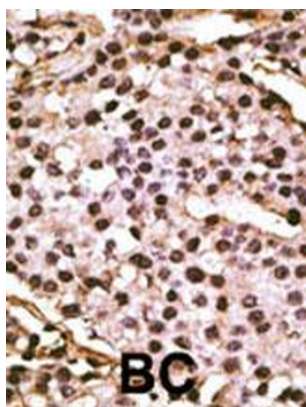
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Dilution Range IF: 1:100, WB: 1:1000, WB: 1:1000, IHC-P: 1:50~100

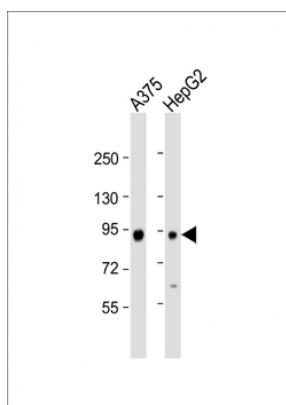
Expiration Date 12 months from date of receipt.



Fluorescent image of U251 cells stained with ATG9A (C-term) antibody. U251 cells were treated with Chloroquine (50 μ M, 16 h), then fixed with 4% PFA (20 min), permeabilized with Triton X-100 (0.2%, 30 min). Cells were then incubated with ATG9A (C-term) primary antibody (1:100, 2 h at room temperature). For secondary antibody, Alexa Fluor 488 conjugated donkey anti-rabbit antibody (green) was used (1:1000, 1 h). Nuclei were counterstained with Hoechst 33342 (blue) (10 μ g/ml, 5 min). ATG9A immunoreactivity is localized to autophagic vacuoles in the cytoplasm of U251 cells.



Formalin-fixed and paraffin-embedded human cancer tissue reacted with the primary antibody, which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated. BC = breast carcinoma; HC = hepatocarcinoma.



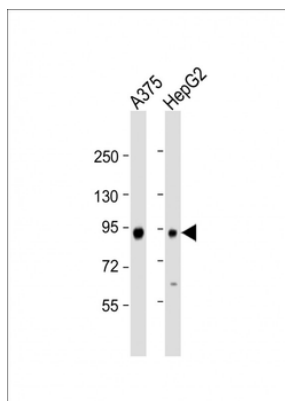
Western blot analysis of anti-Autophagy APG9L1 Antibody (C-term) in A2058 and A375 cell line lysates (35 μ g/lane). APG9L1 (arrow) was detected using the purified Pab.

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All lanes: Anti-APG9L1 Antibody (R732) at 1:1000 dilution. Lane 1: A375 whole cell lysate. Lane 2: HepG2 whole cell lysate. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 94 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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