Product Datasheet

ATG7 Antibody (C-term) (orb1933432)

Catalog Number	orb1933432
Category	Antibodies
Description	ATG7 Antibody (C-term)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	Rabbit IgG
Conjugation	Unconjugated
Reactivity	Human, Mouse
Predicted Reactivity	Gallus, Rat
Form/Appearance	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
UniProt ID	O95352
MW	77960 Da
Tested applications	IF, IHC-P, WB
Dilution range	IHC-P-Leica - 1:1000, WB - 1:1000
Specificity	This ATG7 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 540-569 amino acids from the C-terminal region of human ATG7.
Antibody Type	Primary Antibody

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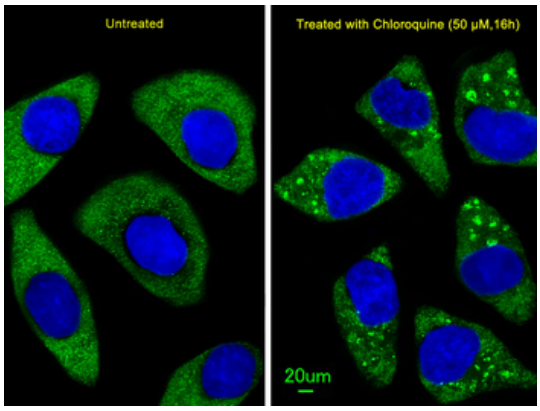
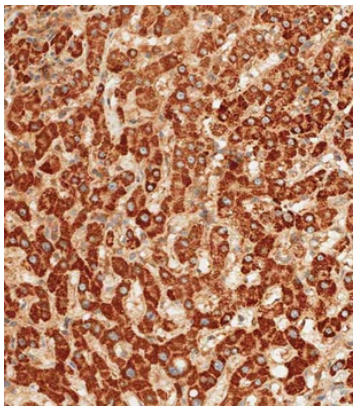
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Expiration Date	12 months from date of receipt.



Immunofluorescent analysis of U251 cells, using ATG7 Antibody (C-term). U251 cells (right) were treated with Chloroquine (50 μM, 16 h). Diluted at 1:25 dilution. Alexa Fluor 488-conjugated goat anti-rabbit IgG at 1:400 dilution was used as the secondary antibody (green). DAPI was used to stain the cell nuclear (blue).



Immunohistochemical analysis of paraffin-embedded human liver tissue was performed on the Leica BOND RXm. Tissue was fixed with formaldehyde at room temperature; antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (1:1000) for 1 hours at room temperature. A undiluted biotinylated CRF Anti-Polyvalent HRP Polymer antibody was used as the secondary antibody.

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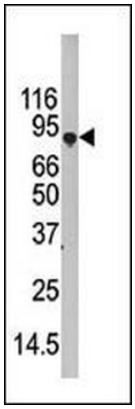
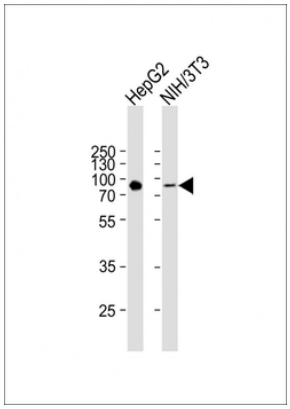
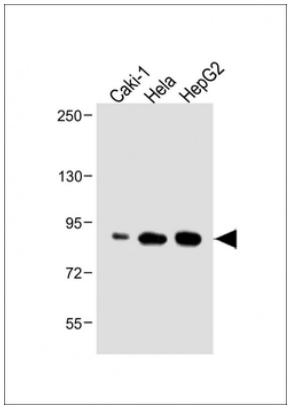


Western blot analysis of APG7L Pab in 293 cell line lysate (35 ug/lane). APG7L (arrow) was detected using the purified Pab.



All lanes: Anti-ATG7 Antibody (C-term) at 1:1000 dilution. Lane 1: HepG2 whole cell lysate. Lane 2: NIH/3T3 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: 78 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



All lanes: Anti-ATG7 Antibody (C-term) at 1:500 dilution. Lane 1: Caki-1 whole cell lysate. Lane 2: Hela whole cell lysate. Lane 3: HepG2 whole cell lysate. Lysates/proteins at 40 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 78 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.

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