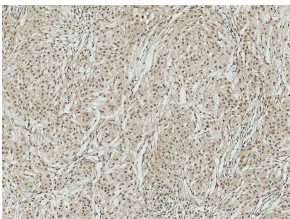


Anti-ATG7 Antibody (A305058)

Specifications:

Name:	Anti-ATG7 Antibody
Description:	Rabbit polyclonal antibody to ATG7.
Applications:	WB, ICC/IF, IHC
Recommended Dilutions:	WB: 1:1,000, ICC/IF: 1:100, IHC: 1:50
Reactivity:	Human, Mouse, Rat
Immunogen:	Synthetic peptide from the N-terminal of Human ATG7.
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Peptide affinity purification.
Concentration:	1 mg/ml
Molecular Weight:	77.9 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline with 50% Glycerol and 0.09% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

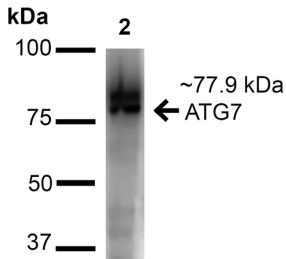
Images:



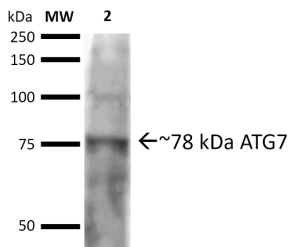
Immunohistochemistry analysis of human brain, fixed in formalin and paraffin-embedded. The Primary Antibody used was Anti-ATG7 Antibody (A305058) at 1:50 for 31 min at room temperature. Counterstain: Hematoxylin. Magnification: 10X.

Anti-ATG7 Antibody (A305058)

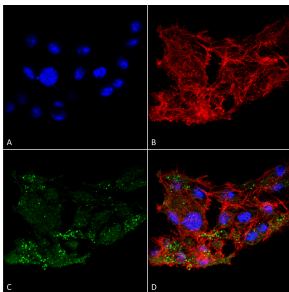
Images continued:



Western blot analysis of human Cervical cancer cell line (HeLa) lysate showing detection of ~77.9 kDa ATG7 protein using Anti-ATG7 Antibody (A305058) at 1:1,000 for 60 minutes at room temperature. Lane 1: Molecular Weight Ladder (MW). Lane 2: human Cervical cancer cell line (HeLa) lysate. Load: 15 µg. Block: 5% Skim Milk in 1X TBST. The secondary antibody used was Goat Anti-Rabbit IgG: HRP at 1:2000 for 60 minutes at room temperature. Color Development: ECL solution for 6 min at room temperature. Predicted/Observed Size: ~77.9 kDa.



Western blot analysis of rat brain cell lysates showing detection of ~77.9 kDa ATG7 protein using Anti-ATG7 Antibody (A305058) at 1:1,000 for 16 hours at 4°C. Lane 1: Molecular Weight Ladder (MW). Lane 2: rat brain cell lysates. Load: 20 µg. Block: 2% BSA and 2% Skim Milk in 1X TBST. The secondary antibody used was Goat Anti-Rabbit IgG: HRP at 1:2000 for 60 minutes at room temperature. Color Development: ECL solution for 6 min at room temperature. Predicted/Observed Size: ~77.9 kDa.



Immunocytochemistry/Immunofluorescence analysis of human colon carcinoma cell line (RKO), fixed in 4% formaldehyde for 15 min at room temperature, using Anti-ATG7 Antibody (A305058), at 1:100 for 60 minutes at room temperature. The secondary antibody used was Goat Anti-Rabbit ATTO 488 at 1:100 for 60 minutes at room temperature. Counterstain: Phalloidin Texas Red F-Actin stain; DAPI (blue) nuclear stain at 1:1000, 1:5,000 for 60 minutes at room temperature, 5 minutes at room temperature. Localization: Cytoplasm, Preautophagosomal Structure, Organelle membrane. Magnification: 60X. (A) DAPI nuclear stain. (B) Phalloidin Texas Red F-Actin stain. (C) ATG7 Antibody. (D) Composite.