

# ATG7 antibody

**Cat. No. GTX16984**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, ELISA
<b>Reactivity</b>	Human, Mouse

**Package**  
100 µg

## Applications

### Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	0.5 - 2 µg/mL
ICC/IF	10 µg/mL
ELISA	Assay dependent

Not tested in other applications.

**Calculated MW** 78 kDa. ( [Note](#) )

**Product Note** At least three isoforms of APG7 are known to exist; this antibody will detect all three isoforms. APG7 antibody is predicted not to cross-react with other ATG family proteins.

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	0.02% Sodium azide
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	APG7 antibody was raised against a 17 amino acid synthetic peptide from near the carboxy terminus of human APG7. The immunogen is located within amino acids 590 - 640 of APG7.
<b>Purification</b>	Purified by antigen-affinity chromatography
<b>Conjugation</b>	Unconjugated



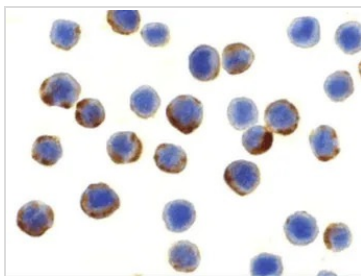
For full product information, images and publications, please visit our [website](#).

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## Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

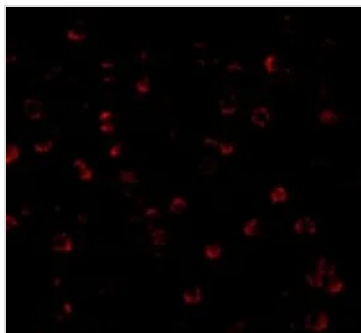
## DATA IMAGES



### GTX16984 ICC/IF Image

ICC/IF analysis of MCF7 cells using GTX16984 ATG7 antibody.

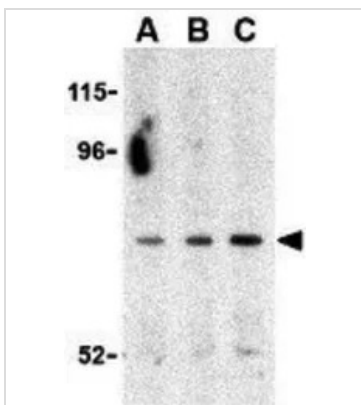
Working concentration : 10 µg/ml



### GTX16984 ICC/IF Image

ICC/IF analysis of MCF7 cells using GTX16984 ATG7 antibody.

Working concentration : 20 µg/ml



### GTX16984 WB Image

WB analysis of Caco-2 cell lysate using GTX16984 ATG7 antibody.

Working concentration : (A) 0.5, (B) 1, and (C) 2 µg/ml



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