

## ATG12 antibody [GT948]

**Cat. No. GTX629816**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Applications</b>	WB, ICC/IF
<b>Reactivity</b>	Human, Mouse

**Package**  
100 µl, 25 µl

## Applications

**Application Note**

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

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

**Calculated MW** 15 kDa. ([Note](#))

## Properties

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<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>	Recombinant protein corresponding to human ATG12
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated

**Note**

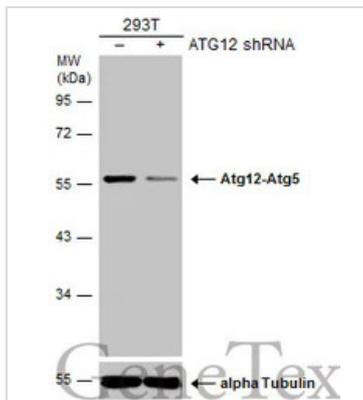
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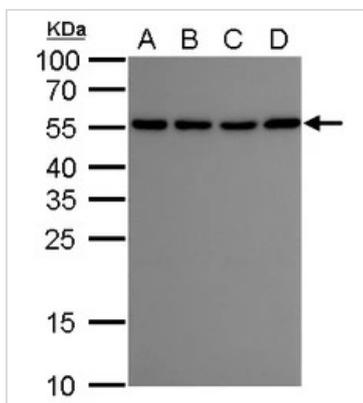
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DATA IMAGES



**GTX629816 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with ATG12 antibody [GT948] (GTX629816) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



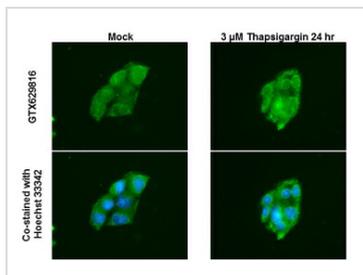
**GTX629816 WB Image**

ATG12 antibody [GT948] detects ATG12 protein by Western blot analysis.

- A. 30 µg 293T whole cell lysate/extract
- B. 30 µg A431 whole cell lysate/extract
- C. 30 µg HeLa whole cell lysate/extract
- D. 30 µg HepG2 whole cell lysate/extract

12 % SDS-PAGE

ATG12 antibody [GT948] (GTX629816) dilution: 1:1000



**GTX629816 ICC/IF Image**

ATG12 antibody [GT948] detects ATG12 protein at autophagosome by immunofluorescent analysis.

Sample: Mock and treated HepG2 cells were fixed in ice-cold MeOH for 5 min.

Green: ATG12 stained by ATG12 antibody [GT948] (GTX629816) diluted at 1:500.

Blue: Hoechst 33342 staining.



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