

## ATG12 antibody [GT166]

**Cat. No. GTX629815**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Applications</b>	WB, ICC/IF, PLA
<b>Reactivity</b>	Human, Mouse

References ( 5 )

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
PLA	Assay dependent

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 encompassing a sequence within the center region of human ATG12. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated

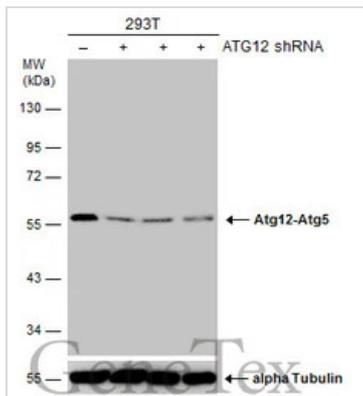
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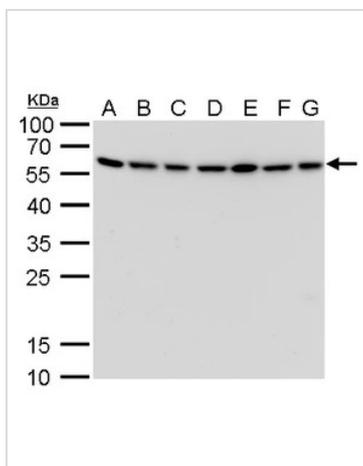
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DATA IMAGES



**GTX629815 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 [GT166] (GTX629815) diluted at 1:500. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



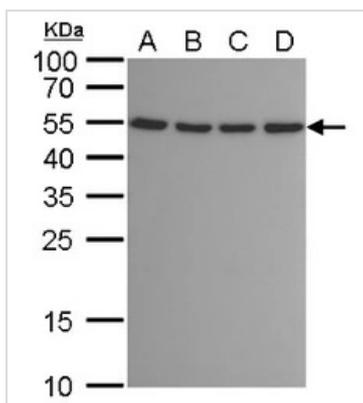
**GTX629815 WB Image**

ATG12 antibody [GT166] detects ATG12 protein by western blot analysis.

- A. 30 µg Neuro2A whole cell lysate/extract
  - B. 30 µg GL261 whole cell lysate/extract
  - C. 30 µg C8D30 whole cell lysate/extract
  - D. 30 µg NIH-3T3 whole cell lysate/extract
  - E. 30 µg BCL-1 whole cell lysate/extract
  - F. 30 µg Raw264.7 whole cell lysate/extract
  - G. 30 µg C2C12 whole cell lysate/extract
- 12% SDS-PAGE

ATG12 antibody [GT166] (GTX629815) dilution: 1:1000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



**GTX629815 WB Image**

ATG12 antibody [GT166] 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 [GT166] (GTX629815) dilution: 1:1000

The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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