

ATG12 antibody [GT166]

Cat. No. GTX629815

| | |
|--------------|-----------------|
| Host | Mouse |
| Clonality | Monoclonal |
| Isotype | IgG2b |
| Applications | WB, ICC/IF, PLA |
| Reactivity | 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

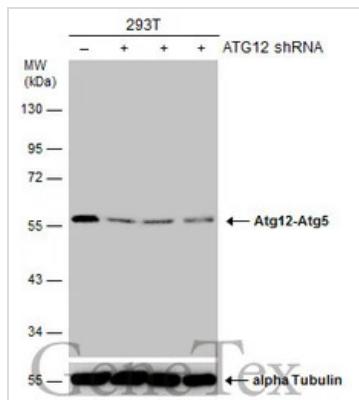
| | |
|---|--|
| Form | Liquid |
| Buffer | PBS |
| Preservative | No preservatives |
| Storage | Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles. |
| Concentration | 1 mg/ml (Please refer to the vial label for the specific concentration.) |
| Immunogen | Recombinant protein encompassing a sequence within the center region of human ATG12. The exact sequence is proprietary. |
| Purification | Affinity purified by Protein G. |
| Conjugation | Unconjugated |
| For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. | |
| 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. |



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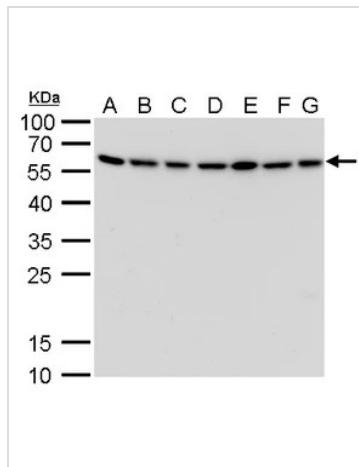
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DATA IMAGES



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

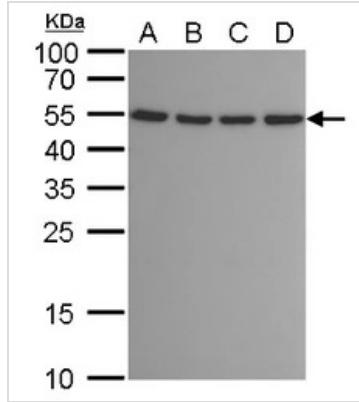
ATG12 antibody [GT166] detects ATG12 protein by western blot analysis.

- 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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