

## alpha Actinin 4 antibody [C2C3], C-term

**Cat. No. GTX101669**

<b>Host</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG
<b>Applications</b>	WB, ICC/IF, IHC-P
<b>Reactivity</b>	Human, Mouse, Rat

References ( 8 )

★★★★☆ Review ( 1 )

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
IHC-P	1:100-1:1000

Not tested in other applications.

**Calculated MW** 105 kDa. ( [Note](#) )

## Properties

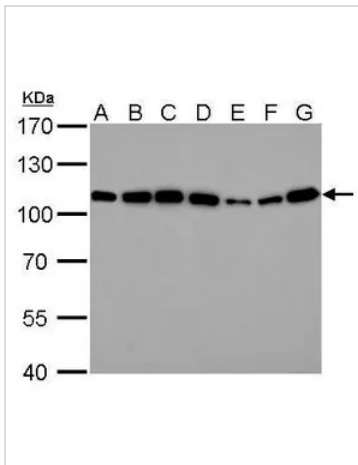
<b>Form</b>	Liquid
<b>Buffer</b>	0.1M Tris, 0.1M Glycine, 20% Glycerol
<b>Preservative</b>	0.01% Thimerosal
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	0.32 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of human alpha Actinin 4. The exact sequence is proprietary.
<b>Purification</b>	Purified by antigen-affinity chromatography.
<b>Conjugation</b>	Unconjugated

## Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

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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**DATA IMAGES**

**GTX101669 WB Image**

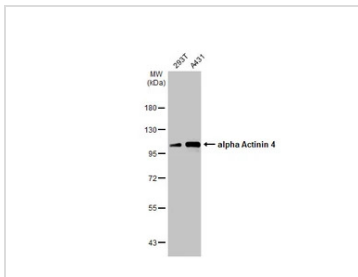
alpha Actinin 4 antibody [C2C3], C-term detects ACTN4 protein by western blot analysis.

- 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

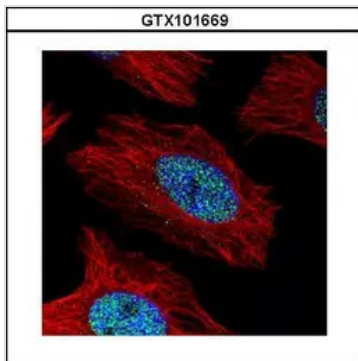
7.5% SDS-PAGE

alpha Actinin 4 antibody [C2C3], C-term (GTX101669) dilution: 1:1000

The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX101669 WB Image**

Various whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with alpha Actinin 4 antibody [C2C3], C-term (GTX101669) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


**GTX101669 ICC/IF Image**

Confocal immunofluorescence analysis (Olympus FV10i) of paraformaldehyde-fixed HeLa, using alpha Actinin 4(GTX101669) antibody (Green) at 1:500 dilution. Alpha-tubulin filaments were labeled with GTX11304 (Red) at 1:2000.



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