

## alpha Cardiac Muscle Actin antibody

Cat. No. GTX101876

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

References ( 10 )

Package

100 µl, 25 µl

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Calculated MW 42 kDa. ( [Note](#) )

## Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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	1.39 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of human alpha Cardiac Muscle Actin. The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

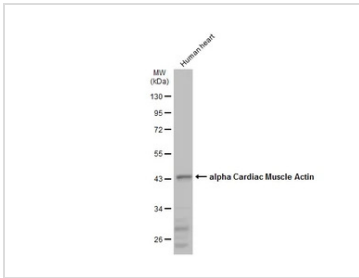
## Note

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

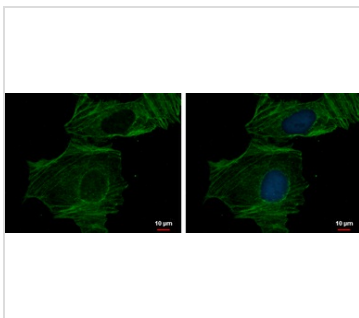
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**DATA IMAGES**

**GTx101876 WB Image**

Human tissue extract (30 µg) was separated by 10% SDS-PAGE, and the membrane was blotted with alpha Cardiac Muscle Actin antibody (GTx101876) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.

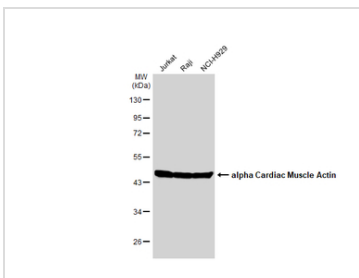

**GTx101876 ICC/IF Image**

alpha Actin (cardiac muscle) antibody detects alpha Actin (cardiac muscle) protein at cytoskeleton by immunofluorescent analysis.

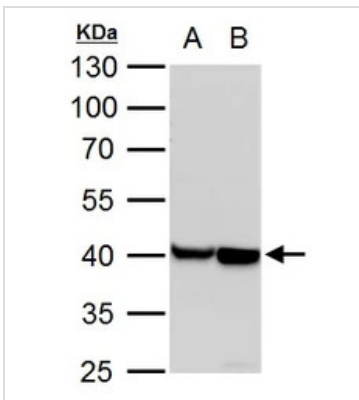
Sample: HeLa cells were fixed in 0.5% Triton X-100 for 1 min, then ice-cold methanol for 5 min.

Green: alpha Actin (cardiac muscle) protein stained by alpha Actin (cardiac muscle) antibody (GTx101876) diluted at 1:200.

Blue: Hoechst 33342 staining.


**GTx101876 WB Image**

Various whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with alpha Cardiac Muscle Actin antibody (GTx101876) diluted at 1:10000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.


**GTx101876 WB Image**

alpha Actin (cardiac muscle) antibody detects alpha Actin (cardiac muscle) protein by western blot analysis.

A. 30 µg PC-12 whole cell lysate/extract

B. 30 µg Rat2 whole cell lysate/extract

10% SDS-PAGE

alpha Actin (cardiac muscle) antibody (GTx101876) dilution: 1:10000

The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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