

alpha Actinin 4 antibody [C2C3], C-term

Cat. No. GTX101669

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



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. (<u>Note</u>)

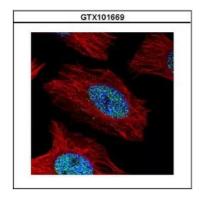
Properties	
Form	Liquid
Buffer	0.1M Tris, 0.1M Glycine, 20% Glycerol
Preservative	0.01% Thimerosal
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple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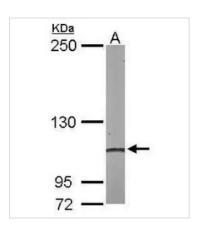
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DATA IMAGES



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.



GTX101669 WB Image

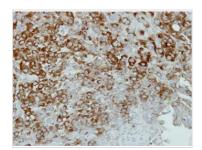
Sample (50 μg of whole cell lysate)

A: Mouse brain

5% SDS PAGE

GTX101669 diluted at 1:1000

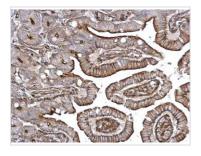
The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX101669 IHC-P Image

Immunohistochemical analysis of paraffin-embedded A549 xenograft, using alpha Actinin 4(GTX101669) antibody at 1:500 dilution.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



GTX101669 IHC-P Image

alpha Actinin 4 antibody [C2C3], C-term detects alpha Actinin 4 protein on mouse intestine by immunohistochemical analysis.

Sample: Paraffin-embedded mouse intestine.

alpha Actinin 4 antibody [C2C3], C-term (GTX101669) dilution: 1:500.

Antigen Retrieval: Trilogy™ (EDTA based, pH 8.0) buffer, 15min



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