

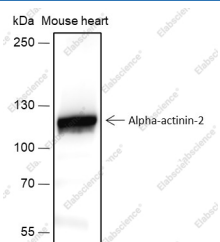
Recombinant alpha Actinin 2 Monoclonal Antibody

catalog number: **AN301755L**

Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

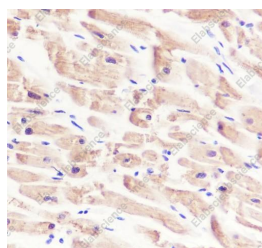
Description	
Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human alpha Actinin 2 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111377
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.
Applications	Recommended Dilution
WB	1:2000-1:10000
IHC	1:100-1:500
IF	1:50

Data

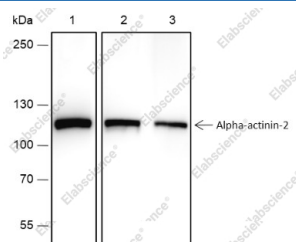
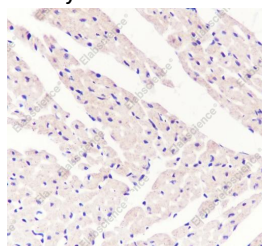


Western Blot with alpha Actinin 2 Monoclonal Antibody at dilution of 1:10000. Lane 1: Mouse heart

Observed-MW:103 kDa
Calculated-MW:103 kDa

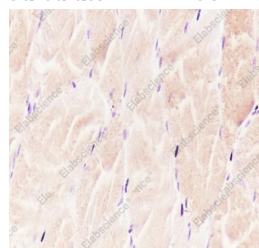


Immunohistochemistry of paraffin-embedded Human cardiac muscle using alpha Actinin 2 Monoclonal Antibody at dilution of 1:500.

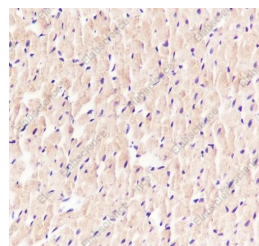


Western Blot with alpha Actinin 2 Monoclonal Antibody at dilution of 1:10000. Lane 1: Rat heart, Lane 2: Mouse brain, Lane 3: Rat brain

Observed-MW:103 kDa
Calculated-MW:103 kDa



Immunohistochemistry of paraffin-embedded Human skeletal muscle using alpha Actinin 2 Monoclonal Antibody at dilution of 1:500.



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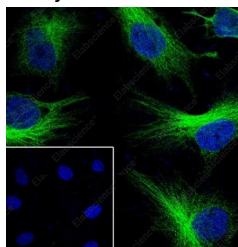
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Immunohistochemistry of paraffin-embedded Mouse cardiac muscle using alpha Actinin 2 Monoclonal Antibody at dilution of 1:100.



Immunohistochemistry of paraffin-embedded Rat cardiac muscle using alpha Actinin 2 Monoclonal Antibody at dilution of 1:500.

Immunofluorescent analysis of (4% PFA) fixed HeLa cells using anti-alpha Actinin 2 Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

ACTN2 (Actinin Alpha 2) is a Protein Coding gene. This gene encodes a muscle-specific, alpha actinin isoform that is expressed in both skeletal and cardiac muscles. Among its related pathways are RET signaling and Striated Muscle Contraction.

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