Recombinant alpha Actinin 2 Monoclonal Antibody

catalog number: **AN301755L**

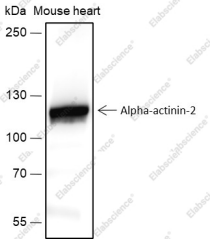
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human alpha Actinin 2 fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111377
Purification	Protein A affinity purification
Conjugation	Unconjugated
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

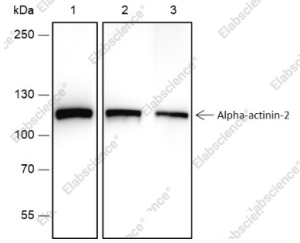
Data



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

Observed-MW:103 kDa

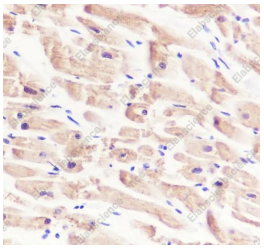
Calculated-MW:103 kDa



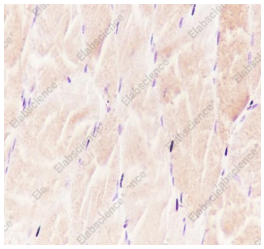
Western Blot with alpha Actinin 2 Monoclonal Antibody at dilution of 1:10000. Lane 1: Rat heart, Lane 2: Mouse brain, Lane 3: Rat brain

Observed-MW:103 kDa

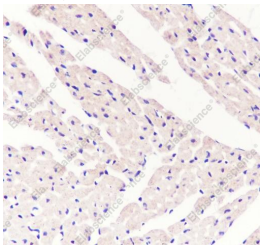
Calculated-MW:103 kDa

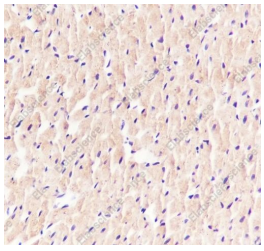


Immunohistochemistry of paraffin-embedded Human cardiac muscle using alpha Actinin 2 Monoclonal Antibody at dilution of 1:500.

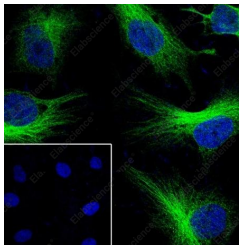


Immunohistochemistry of paraffin-embedded Human skeletal muscle using alpha Actinin 2 Monoclonal Antibody at dilution of 1:500.





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



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

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

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.