

Product Name: alpha Actinin Rabbit Monoclonal Antibody
Catalog #: AMRe86376

Summary

Production Name	alpha Actinin Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB, ICC/IF, IP
Reactivity	Human, Mouse, Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
Purification	Affinity Purification

Immunogen

Gene Name	alpha Actinin
Alternative Names	BDPLT15
Gene ID	87
SwissProt ID	P12814.

Application

Dilution Ratio	WB: 1:1000 ICC/IF: 1:200-1:1000 IP: 1:20-1:50
Molecular Weight	Calculated MW:103 kDa; Observed MW:103 kDa

Product Name: alpha Actinin Rabbit Monoclonal Antibody
Catalog #: AMRe86376

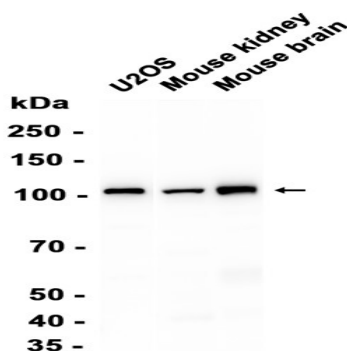


Background

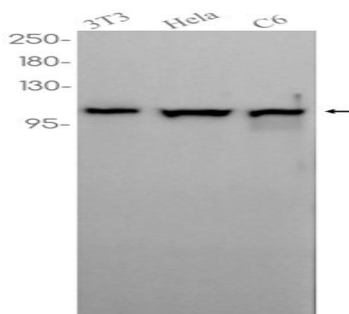
Alpha actinins belong to the spectrin gene superfamily which represents a diverse group of cytoskeletal proteins, including the alpha and beta spectrins and dystrophins. Alpha actinin is an actin-binding protein with multiple roles in different cell types. In nonmuscle cells, the cytoskeletal isoform is found along microfilament bundles and adherens-type junctions, where it is involved in binding actin to the membrane. In contrast, skeletal, cardiac, and smooth muscle isoforms are localized to the Z-disc and analogous dense bodies, where they help anchor the myofibrillar actin filaments. This gene encodes a nonmuscle, cytoskeletal, alpha actinin isoform and maps to the same site as the structurally similar erythroid beta spectrin gene. Three transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]

Research Area

Image Data



Western blot analysis of extracts from U2OS cells and Mouse kidney, Mouse brain tissue using AMRe86376 at 1:2000.



Western blot analysis of extracts from 3T3, HeLa, C6 cells using AMRe86376 at 1:1000.



**Product Name: alpha Actinin Rabbit Monoclonal
Antibody**
Catalog #: AMRe86376

Note

For research use only.