

Product Name: alpha Actinin 4 Rabbit Monoclonal Antibody
Catalog #: AMRe01635

Summary

Production Name	alpha Actinin 4 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	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Immunogen

Gene Name	ACTN4
Alternative Names	Alpha-actinin-4 ,Non-muscle alpha-actinin 4 ,ACTN4
Gene ID	81
SwissProt ID	O43707.

Application

Dilution Ratio	WB: 1:500-1:1000 IF: 1:50-1:200 IP: 1:20
Molecular Weight	Calculated MW: 105 kDa; Observed MW: 105 kDa

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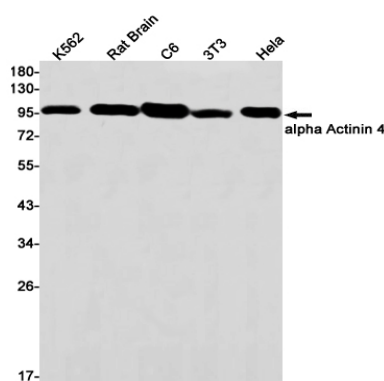
Background

F-actin cross-linking protein which is thought to anchor actin to a variety of intracellular structures. This is a bundling protein. Probably involved in vesicular trafficking via its association with the CART complex. The CART complex is necessary for efficient transferrin receptor recycling but not for EGFR degradation.

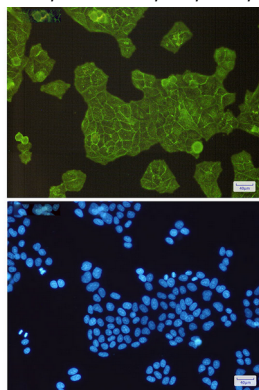
Research Area

Signal Transduction

Image Data



Western blot analysis of alpha Actinin 4 in K562, rat Brain, C6, 3T3, HeLa lysates using alpha Actinin 4 antibody.



Immunocytochemistry analysis of alpha Actinin 4(green) in HeLa using alpha Actinin 4 antibody, and DAPI(blue)

Note

For research use only.