

Recombinant alpha Actinin 4 Monoclonal Antibody

catalog number: AN301433L

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

Description

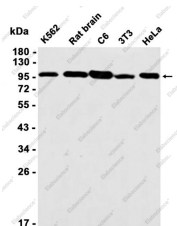
Reactivity	Human;Mouse;Rat
Immunogen	A synthetic peptide of human alpha Actinin 4
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111056
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

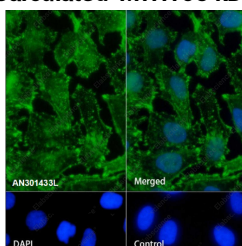
WB	1:1000-1:5000
IHC-P	1:100-1:200
ICC/IF	1:100-1:200
IP	1:20-1:50
FCM	1:20-1:50

Data

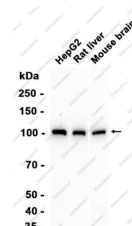


Western blot analysis of K562, C6, 3T3, HeLa and Rat brain cell lysates using alpha Actinin 4 Antibody (AN301433L) at a dilution of 1:1000.

Observed-MW:105 kDa
Calculated-MW:105 kDa



Immunofluorescence analysis of HeLa cells using alpha Actinin 4 Antibody(AN301433L). Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.



Western blot analysis of HepG2, Rat liver and Mouse brain cell lysates using alpha Actinin 4 Antibody (AN301433L) at a dilution of 1:4000.

Observed-MW:105 kDa
Calculated-MW:105 kDa

Preparation & Storage

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

For Research Use Only

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Rev. V1.5

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. Involved in tight junction assembly in epithelial cells probably through interaction with MICALL2. Links MICALL2 to the actin cytoskeleton and recruits it to the tight junctions. May also function as a transcriptional coactivator, stimulating transcription mediated by the nuclear hormone receptors PPARG and RARA.

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