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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Alpha Actinin Antibody (PTyr246)

Rabbit Anti-Human alpha Actinin (pTyr246) Polyclonal
Catalog No. SPC-909



Discovery through partnership | Excellence through quality

Overview

Product Name

alpha Actinin Antibody (pTyr246)

Description

Rabbit Anti-Human alpha Actinin (pTyr246) Polyclonal

Species Reactivity

Human

Applications

WB, AM

Antibody Dilution

WB (1:250); optimal dilutions for assays should be determined by the user.

Host Species

Rabbit

Immunogen Species

Human

Immunogen

A phospho-specific peptide corresponding to residues surrounding Tyr246 of human alpha Actinin (AA243-249)

Conjugates

Alkaline Phosphatase, APC, ATTO 390, ATTO 488, ATTO 565, ATTO 594, ATTO 633, ATTO 655, ATTO 680, ATTO 700, Biotin, FITC, HRP, PE/ATTO 594, PerCP, RPE, Streptavidin, Unconjugated

Properties

Storage Buffer

PBS pH7.4, 50% glycerol, 0.025% Thimerosal

Storage Temperature

-20°C

Shipping Temperature

Blue Ice or 4°C

Purification

Peptide Affinity Purified

Clonality

Polyclonal

Specificity

Detects 103.058 kDa.

Cite This Product

Rabbit Anti-Human alpha Actinin (pTyr246) Polyclonal (StressMarq Biosciences Inc., Victoria BC CANADA, Catalog # SPC-909)

Certificate Of Analysis

A 1:250 dilution of SPC-909 was sufficient for detection of alpha Actinin (pTyr246) in 10 µg of HeLa cell lysate by ECL immunoblot analysis using goat anti-rabbit IgG:HRP as the secondary antibody.

Biological Description

Alternative Names

ACTN1 Antibody, Actinin alpha1 Antibody, F-actin cross linking protein Antibody, Alpha-actinin cytoskeletal isoform Antibody

Cellular Localization

Cytoplasm, Cytoskeleton, myofibril, Sarcomere

Accession Number

NP_001093

Gene ID

87

Swiss Prot

P12814

Scientific Background

Alpha Actinin belongs to the spectrin gene family which encodes a diverse group of cytoskeletal proteins that include spectrins, dystrophins and γ -actinins. There are four tissue-specific γ -actinins, namely γ -actinin-1, γ -actinin-2, γ -actinin-3 and γ -actinin-4, which are localized to muscle and non-muscle cells, including skeletal, cardiac and smooth muscle cells, as well as within the cytoskeleton. Each γ -actinin protein contains one Actin-binding domain, two calponin-homology domains, two EF-hand domains and four spectrin repeats, through which they function as bundling proteins that can cross-link F-Actin, thus anchoring Actin to a variety of intracellular structures.

Product Images

Currently there are no images for this product

Product Citations (0)

Currently there are no citations for this product.

Reviews

There are no reviews yet.