

alpha Actinin/ACTN1 Rabbit pAb

db20826

Package : 20µL 50µL 100µL

Product Name : alpha Actinin/ACTN1 Rabbit pAb**Cat.No.:** db20826**Synonyms** : BDPLT15**Application** : WB**Reactivity** : Human, Mouse, Rat**Host species** : Rabbit**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]

Immunogen

A synthetic peptide of human alpha Actinin/ACTN1

Gene ID

87

Swiss Prot

P12814

Synonyms

BDPLT15

Reactivity

Human, Mouse, Rat

Application

WB

Recommended dilution

WB: 1:1000

Calculated MW

103 kDa

Observed MW

103 kDa

Host species

Rabbit

Clonality

Polyclonal

Isotype

IgG

Purity

Affinity Purification

Conjugation

Un-conjugated

Storage Stability

Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.