



alpha Actinin Rabbit pAb

Package: 20µL 50µL 100µL db1866

Product Name: alpha Actinin Rabbit pAb

Cat.No.: db1866

Synonyms: BDPLT15

Application: WB, IHC, FC, IP 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

Gene ID 87

Swiss Prot P12814

Synonyms BDPLT15

Reactivity Human, Mouse, Rat

Application WB, IHC, FC, IP

Recommended dilution WB: 1:2000

> IHC: 1:20 FC: 1:20 IP: 1:20

Calculated MW 103 kDa

Observed MW 103 kDa

Host species Rabbit

Clonality Polyclonal



For Research Use Only **Product Datasheet**

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.