

## alpha Actinin Rabbit pAb

db1866

Package : 20µL 50µL 100µL

**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

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<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.