

Phospho-Caldesmon (Thr730) Rabbit pAb

db1819

Package : 20µL 50µL 100µL

Product Name : Phospho-Caldesmon (Thr730) Rabbit pAb**Cat.No.:** db1819**Synonyms** : CDM; HCAD; LCAD; H-CAD; L-CAD; NAG22**Application** : WB, IP**Reactivity** : Human**Host species** : Rabbit**Background**

This gene encodes a calmodulin- and actin-binding protein that plays an essential role in the regulation of smooth muscle and nonmuscle contraction. The conserved domain of this protein possesses the binding activities to Ca(2+)-calmodulin, actin, tropomyosin, myosin, and phospholipids. This protein is a potent inhibitor of the actin-tropomyosin activated myosin MgATPase, and serves as a mediating factor for Ca(2+)-dependent inhibition of smooth muscle contraction. Alternative splicing of this gene results in multiple transcript variants encoding distinct isoforms. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Thr730 of human Caldesmon

Gene ID

800

Swiss Prot

Q05682

Synonyms

CDM; HCAD; LCAD; H-CAD; L-CAD; NAG22

Reactivity

Human

Application

WB, IP

Recommended dilution

WB: 1:1000
IP: 1:20

Calculated MW

93 kDa

Observed MW

80 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.