

CAB4884

Product Information

Product SKU:	CAB4884	Gene ID:	800	Size:	20uL, 100uL
Clone No:	ARC0315	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	80kDa	Conjugate:	Unconjugated
Calculated MW:	93kDa	Isotype:	IgG

Immunogen Information

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.

Recommended Dilution: WB, 1:500 - 1:1000

Synonyms: CDM; HCAD; LCAD; h-CD; H-CAD; L-CAD; NAG22; Caldesmon

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 694-793 of human Caldesmon (Q05682).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH 7.3.