

Summary

Production Name	Caldesmon Rabbit Monoclonal Antibody
Description	Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP,IHC
Reactivity	Human,Mouse,Rat

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol.
Purification	Affinity Purification

Immunogen

Gene Name	Caldesmon
Alternative Names	CDM; HCAD; LCAD; H-CAD; L-CAD; NAG22
Gene ID	800.0
SwissProt ID	Q05682.A synthetic peptide of human Caldesmon

Application

Dilution Ratio	WB:1:500-1:1000,IP:1:10-1:20,IHC:1:50-1:100
Molecular Weight	Calculated MW: 93 kDa; Observed MW: 70-80 kDa

Background

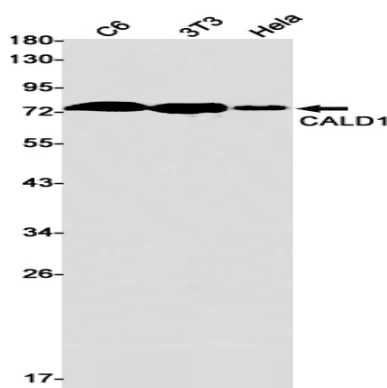
Product Name: Caldesmon Rabbit Monoclonal Antibody
Catalog #: AMRe85370



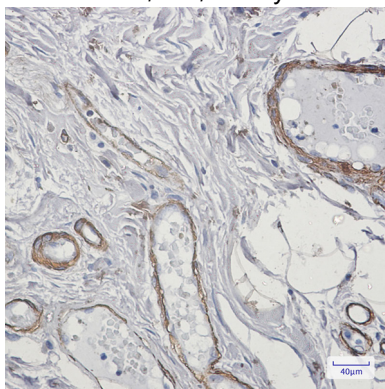
Actin- and myosin-binding protein implicated in the regulation of actomyosin interactions in smooth muscle and nonmuscle cells (could act as a bridge between myosin and actin filaments). Stimulates actin binding of tropomyosin which increases the stabilization of actin filament structure. In muscle tissues, inhibits the actomyosin ATPase by binding to F-actin.

Research Area

Image Data



Western blot analysis of CALD1 in C6, 3T3, HeLa lysates using Caldesmon antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Caldesmon antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.