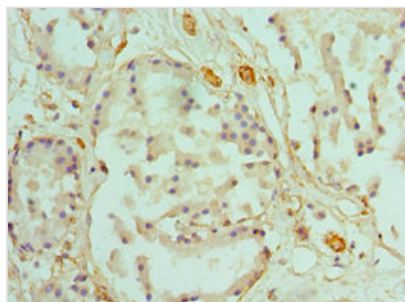




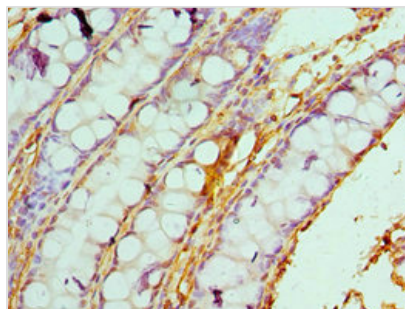
CALD1 Antibody

Product Code	CSB-PA004441DSR1HU
Storage	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.
Uniprot No.	Q05682
Immunogen	Recombinant Human Caldesmon protein (1-240AA)
Raised In	Rabbit
Species Reactivity	Human
Tested Applications	ELISA, IHC; Recommended dilution: IHC:1:20-1:200
Relevance	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. This inhibition is attenuated by calcium-calmodulin and is potentiated by tropomyosin. Interacts with actin, myosin, two molecules of tropomyosin and with calmodulin. Also play an essential role during cellular mitosis and receptor capping. Involved in Schwann cell migration during peripheral nerve regeneration.
Form	Liquid
Conjugate	Non-conjugated
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Purification Method	Antigen Affinity Purified
Isotype	IgG
Clonality	Polyclonal
Alias	Caldesmon (CDM), CALD1, CAD CDM
Species	Human
Research Area	Signal Transduction
Target Names	CALD1

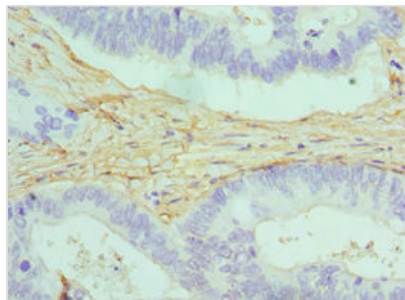
Image



Immunohistochemistry of paraffin-embedded human prostate tissue using CSB-PA004441DSR1HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human colon tissue using CSB-PA004441DSR1HU at dilution of 1:100



Immunohistochemistry of paraffin-embedded human colon cancer using CSB-PA004441DSR1HU at dilution of 1:100