

Calponin Recombinant antibody

Cat:B32079R

Company: Haokebio

Uniprot ID:P51911

Applications: IHC:1:100-1:200

Organism:Rabbit

IHC-Polymer:1:400-1:800

Species reactivity:Human

TSA:1:500-1:1000

Background:

Calponin is a calcium-regulated protein that binds to tropomyosin and F-actin. As a specific protein of smooth muscle cells, it functions in regulating smooth muscle contraction. Calponin exhibits positive expression in normal smooth muscle cells and myoepithelial cells; additionally, myofibroblasts in the stroma with connective tissue hyperplasia also show positive expression of Calponin. This antibody is mainly used for the diagnosis and research of myoepithelial cells in leiomyomas and breast lesions.

Protein full name:

calponin 1, basic, smooth muscle

Synonyms:

CNN1, Basic calponin, Calponin 1, Calponin-1, CNN 1

Immunogen:

Peptide

Isotype:

IgG

Subcellular location:

Cytoplasm

Purity:

Affinity purification

Form:

Liquid

Storage Buffer:

PBS with 0.02% sodium azide, 100 µg/ml BSA and 50% glycerol.

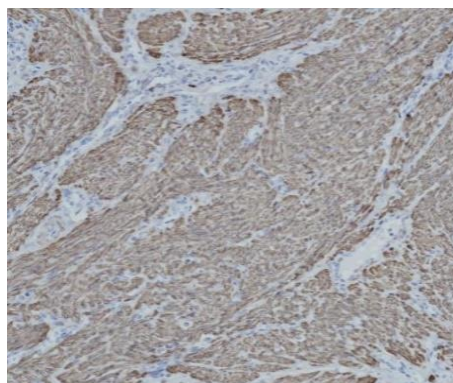
Storage:

Store at -20 °C for one year.

Experimental procedure:

Antigen retrieval: Citrate buffer (pH 9.0), Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

Images:



Sample: Human myoma tissue, 4% PFA 12-24h

Source of Reagents:

发表[中文论文]请标注:Calponin(B32079R)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:Calponin(B32079R) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.