

产品名称: SCIN Rabbit Monoclonal Antibody
产品货号: AMRe02578



产品概述 (Summary)

产品名称 (Production Name)	SCIN Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC
种属反应性 (Reactivity)	Human

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	SCIN
别名 (Alternative Names)	Scinderin
基因 ID (Gene ID)	85477
蛋白 ID (SwissProt ID)	Q9Y6U3.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:1000,IHC 1:50-1:100
蛋白分子量 (Molecular Weight)	Calculated MW: 80 kDa; Observed MW: 80 kDa

研究背景 (Background)

Ca²⁺-dependent actin filament-severing protein that has a regulatory function in exocytosis by affecting the organization

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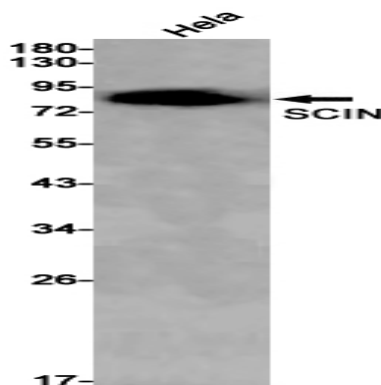


of the microfilament network underneath the plasma membrane (PubMed:8547642, PubMed:26365202). Severing activity is inhibited by phosphatidylinositol 4,5-bis-phosphate (PIP2) . In vitro, also has barbed end capping and nucleating activities in the presence of Ca^{2+} . Required for megakaryocyte differentiation, maturation, polyploidization and apoptosis with the release of platelet-like particles (PubMed:11568009). Plays a role in osteoclastogenesis (OCG) and actin cytoskeletal organization in osteoclasts . Regulates chondrocyte proliferation and differentiation . Inhibits cell proliferation and tumorigenesis. Signaling is mediated by MAPK, p38 and JNK pathways (PubMed:11568009).

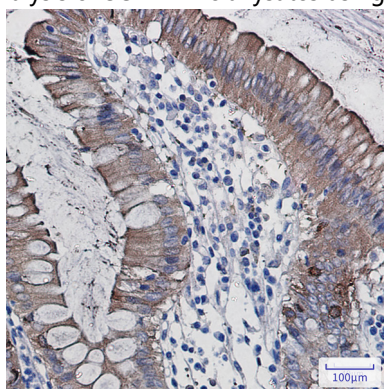
研究领域 (Research Area)

Signal Transduction

图片 (Image Data)



Western blot analysis of SCIN in HeLa lysates using SCIN antibody.



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

注意事项 (Note)

For research use only .