

Product Name: SCIN Rabbit Monoclonal Antibody
Catalog #: AMRe02579



Summary

Production Name	SCIN Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	SCIN
Alternative Names	Scinderin
Gene ID	85477
SwissProt ID	Q9Y6U3

Application

Dilution Ratio	WB: 1/500-1/1000
Molecular Weight	Calculated MW: 80 kDa; Observed MW: 80 kDa

Background

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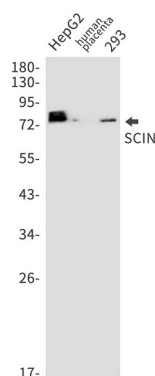


Ca²⁺-dependent actin filament-severing protein that has a regulatory function in exocytosis by affecting the organization of the microfilament network underneath the plasma membrane (PubMed:8547642, PubMed:26365202). Severing activity is inhibited by phosphatidylinositol 4,5-bis-phosphate (PIP₂) . In vitro, also has barbed end capping and nucleating activities in the presence of Ca²⁺. 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).

Research Area

Signal Transduction

Image Data



Western blot analysis of SCIN in HepG2, Human placenta, 293 lysates using SCIN antibody.

Note

For research use only.