

SCIN Rabbit mAb

Catalog # AP76061

Product Information

Primary Accession	Q9Y6U3
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	80489

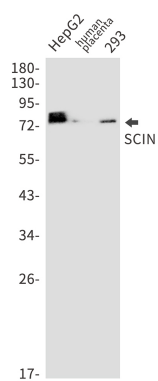
Additional Information

Gene ID	85477
Other Names	SCIN
Format	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

Protein Information

Name	SCIN {ECO:0000303 PubMed:8547642, ECO:0000312 HGNC:HGNC:21695}
Function	Ca(2+)-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: 26365202 , PubMed: 8547642). Severing activity is inhibited by phosphatidylinositol 4,5-bis-phosphate (PIP2) (By similarity). 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 (By similarity). Regulates chondrocyte proliferation and differentiation (By similarity). Inhibits cell proliferation and tumorigenesis. Signaling is mediated by MAPK, p38 and JNK pathways (PubMed: 11568009).
Cellular Location	Cytoplasm, cytoskeleton. Cell projection, podosome {ECO:0000250 UniProtKB:Q60604}
Tissue Location	Expressed in megakaryocytes.

Images



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