

SCIN Rabbit mAb
Catalog # AP76060**Specification**

SCIN Rabbit mAb - Product Information

Application	WB, IHC-P
Primary Accession	Q9Y6U3
Reactivity	Human
Host	Rabbit
Clonality	Monoclonal Antibody
Calculated MW	80489

SCIN Rabbit mAb - Additional Information**Gene ID** 85477**Other Names**
SCIN**Dilution**
WB~~1/500-1/1000
IHC-P~~N/A**Format**
Liquid**SCIN Rabbit mAb - 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.

SCIN Rabbit mAb - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

SCIN Rabbit mAb - Images

