

Anti-SCIN Rabbit Monoclonal Antibody

Catalog # ABO16194

Product Information

Application	WB, IHC
Primary Accession	Q9Y6U3
Host	Rabbit
Isotype	IgG
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Format	Liquid
Description	Anti-SCIN Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human, Mouse, Rat.

Additional Information

Gene ID	85477
Other Names	Scinderin, Adseverin, SCIN {ECO:0000303 PubMed:8547642, ECO:0000312 HGNC:HGNC:21695}
Calculated MW	80489
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 27S73
Immunogen	A synthesized peptide derived from human SCIN
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated 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](#)).

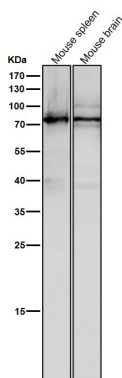
Cellular Location

Cytoplasm, cytoskeleton. Cell projection, podosome
{ECO:0000250|UniProtKB:Q60604}

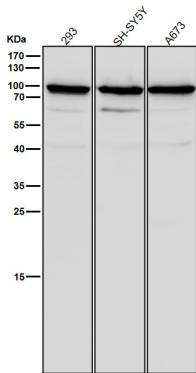
Tissue Location

Expressed in megakaryocytes.

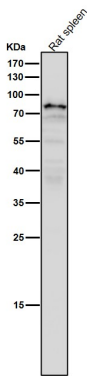
Images



All lanes use the Antibody at 1:1K dilution for 1 hour at room temperature.

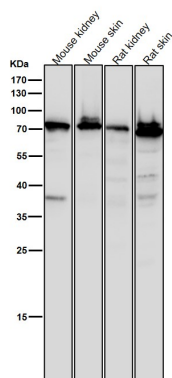


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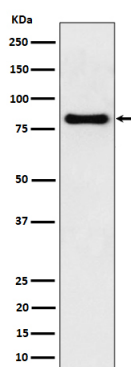


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Western blot analysis of SCIN expression in mouse kidney cell lysate.



Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.